

AMERICAN NURSEYMAN

THE NATIONAL JOURNAL OF COMMERCIAL HORTICULTURE
CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Vol. XXXVI

SEPTEMBER, 1922

No 3

Painesville Nurseries



The Storrs & Harrison Company

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NIALS, EVERGREENS.**

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ORNAMENTAL STOCK

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PRINCETON IN NEW JERSEY

SEPTEMBER 1, 1922

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ESTABLISHED 1847

Offers a fine stock of Specimen
Evergreens, Fruit and Orna-
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Will be pleased to quote on your list of wants.

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MONROE - - - - MICHIGAN

MANUFACTURERS OF
I. E. ILGENFRITZ SONS' Co.'s Celebrated Graft and Stock Planter and Farmer

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American Nurseryman Directory of American Plant Propagators

**Listing Nursery Concerns Which Specialize in Production of Young Stock,
Including That Which Has Heretofore Been Imported**

The American Plant Propagators' Association, Organized in 1918, Will Hold Its Fifth Annual Meeting in Chicago, Ill., June, 1923. F. W. von Oven, Naperville, Ill., Secretary
TWO-INCH BLOCKS ONLY ARE SOLD IN THIS DIRECTORY. EACH BLOCK \$5.00 PER MONTH UNDER YEARLY CONTRACT, INCLUDING PUBLICATION ALSO IN THE "AMERICAN NURSERY TRADE BULLETIN"

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Complete assortment of Evergreens including Firs, Junipers, Spruces, Pines, Yews, Arbor Vitae, Cedrus, Taxus, Biotas, etc. Also deciduous ornamental trees and shrubs in wide variety. Your patronage is appreciated.

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Evergreen Specialists
Largest Growers in America
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ESTABLISHED 1866

Growers of —
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SHRUBS PERENNIALS, Etc.
LINING OUT STOCK

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TELEPHONE, NAPERVILLE NO. 1.

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FALL 1922
SPRING 1923

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Cultra Bros., Mgrs., Onarga, Ill.

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★ American Pedigree Cannas

The **CONARD** ★ **WEST GROVE,**
C & JONES CO. Penna. U.S.A.

ROBERT PYLE, Pres. A. WINTZER, V-Pres

GRAPE VINES

My stock of grape vines this year will consist of both one and two year. The two year will all be from one year transplanted. The one year from cuttings planted this spring, 1922. Varieties principally Moore's Early and Concord. My one year vines will be graded strong as follows:

1-year XX—Equal to 2-year-1
1-year-No.-1 1-year-No.-2
1-year-No.-3

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FAIRFIELD NURSERIES, SALISBURY,
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A General Line of Ornamentals.

YOUNG STOCK—For Nursery Planting

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Grown Right—Dug Right—Packed Right

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AURORA, ILL.

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We are growing and offer for sale fall 1922, spring 1923 forest tree seedlings and shrubs, and lining out stock, such as Betula Nigra, Catalpa Speciosa, Cornus Florida, Elm, Poplar, Locust, Walnut.

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Altheas in varieties, Barberry Thunbergii seedlings, Calycanthus, Deutzias, Loniceras, California Privet, Amoor River North Privet, Amoor River South Privet, Spirea Van Houtii. Write for quotations.

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Bobbink & Atkins

Complete collection of Choicest Evergreens.

Complete collection of Broad-leaved Evergreens, such as Rhododendrons, Azaleas, Hollies, etc.

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Hardy Herbaceous Plants.

Hybrid Tea Roses, Bush and Tree Form.

Careful Inspection Invited.

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IT IS NONE TOO SOON

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Have especially nice stocks of Nuts, Oaks, Oriental Plants; Climbing Roses, Wistaria, Weigelia; Grape Vines, etc., etc. Wholesale Only.

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FOR LINING OUT

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Seedlings—Transplants—Cuttings
grown under glass

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	Per 100	Per 1000
American Arbor Vitae 8-15"	\$ 3.00	\$ 15.00
Juniperus canadensis 10-15"	15.00	125.00
American Hemlock 6-10"	4.00	20.00
Red Spruce, 6-10"	4.00	20.00
Balsam Fir 6-10"	3.00	10.00
Ostrich Ferns, No. 1	5.00	25.00
Maidenhair Ferns, No. 1	3.00	20.00
Royal Ferns, No. 1	8.00	60.00
Potentilla fruticosa 10-15"	5.00	30.00

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CONTRACT FOREST PLANTING

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PRESERVE YOUR FILES

If you have not been in the habit of preserving in consecutive order your copies of the American Nurseryman, permit us to suggest the advisability of doing so, commencing with the January issue this year. Such a file of a Trade Journal of this character will often prove invaluable for reference.

STARK BRO'S

SURPLUS LIST

We have especially fine blocks of following shade trees, in sizes named, grown in good wide rows with plenty of room to develop good top and roots. We wish to clear several of these blocks which stand in the middle of a big field. We will make the price right. How many do you need?

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American White Elm... 6-8 ft., 8-10 ft., 1 1/2-2", 2-2 1/2", 2 1/2-3"
Silver Maple..... 8-10 ft., 10-12 ft., 2-2 1/2", 2 1/2-3", 3-3 1/2"
Carolina Poplar..... 8-10 ft., 10-12 ft., 2-2 1/2"

ORNAMENTALS

300 Aralia Pentaphylla..... 3-4 ft.
500 Buddleia Var. Mag. (Butterfly Bush)..... 2 yr.
300 Weigela Rosea 3-4 ft.
200 Forsythia Viridissima 2-3 ft.
200 Lonicera Grand. Rosea..... 3-4 ft.
400 Phila. Coronarius 2-3 ft.
200 Spirea Billardi 2-3 ft.
200 Spirea Opul. Aurea..... 4-5 ft.
500 Symphor. Racemosus (Snowberry)..... 18-24 in.
500 Symphor. Racemosus (Snowberry)..... 2-3 ft.
200 Syringa Vulgaris (Com. Purple)..... 3-4 ft.
200 Viburnum Dentatum 3-4 ft.
500 Opulus Sterilis (Snowball)..... 3-4 ft.
1000 Viburnum Opulus Sterilis (Snowball)..... 4-5 ft.

STARK BRO'S, Nurseries and Orchards Co.,
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Fruit Tree Stocks

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Apple Seedlings, all grades. Well grown, carefully handled and graded.

Pear Seedlings, grown from French imported seed, also from Japan seed from both the Pyrus Ussuriensis and the Pyrus Serotina variety.

Mahaleb Cherry and Peach Seedlings, in all grades.

Car load lots to central points.

French Grown

Apple, Pear, Mahaleb, Mazzard, Myrobolan, Quince, Manetti and Multiflora.

Write for special price list of fruit tree seedlings.

We carry one of the largest and most complete lines of general nursery stock in the country. It is a pleasure to quote your want list.

SHENANDOAH NURSERIES,

A. F. LAKE, Pres., R. S. LAKE, Sec'y-T.

SHENANDOAH, IOWA

Service

[In every sale goods and service go together; they are inseparably joined; they are one idea like salt and pepper, for example.

[A nurseryman sells trees and delivers service; the service necessary to make his trees profitable to the buyer. That done means more sales.

[The same idea has made the printer more than a printer, a manufacturer; it has made the printer a merchant whose goods must profit the buyer, must bring returns, must get orders. In short, must bear fruit.

[For that reason we have a Service Department that studies the goods, the output, the outlets, the markets of our clients. We plan, build and make printing for sales campaigns. And with the idea always in mind to fit the goods, the advertiser and the expected buyers with printed offers suitable to the line, effective for the merchant and inviting to the buyers. That requires a knowledge of all three.

[John Watson, formerly President of the American Association of Nurserymen, has charge of our Horticultural Department. Nurserymen can have their catalogues and folders built here with advantage of our thorough knowledge of selling nursery stock and printed with equipment complete in every detail.

THE DUBOIS PRESS

Horticultural Color Printers

Rochester, New York

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	Per 10	Per 100
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Octavie Demay (Calot 1867). Very large, flat crown. Guard and center, pale hydrangea pink, collar almost white. Fragrant. Strong stems. Very free bloomer.	5.75	48.00
Venus (Kelway 1888). Large, compact crown, pale hydrangea pink, large petals with extra large guard-petals making it the best pink bud for cutting. Rose fragrance. Erect and very free bloomer. Good keeper.	6.00	50.00
Albert Crousse (Crousse 1893). Very large, flat compact bomb. Seashell salmon pink, flecked crimson. Fragrant. Erect. Free blooming.	5.65	47.00
Marie Crousse (Crousse 1892). Very large, loose bomb. Large petals. Delicate fresh salmon rose color. Wonderful bud. Fragrant. Free bloomer on stiff stems. Of the highest order and a great buy at the price.	18.00	150.00
Pierre Duchartre (Crousse 1895). Large, compact rose type. Delicate flesh pink. Fragrant. Strong stems. Very free bloomer even on young plants.	7.50	65.00

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AMERICAN NURSERYMAN — SEPTEMBER, 1922

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

ADVERTISING—Advertising forms close on the 27th of each month. If proofs are wanted, copy should be on hand one week earlier. Advertising rate is \$2.50 per column-width inch.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the earl operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN" will be sent to any address in the United States for \$2.00 a year; to Canada or abroad for \$2.50 a year. Add ten cents unless bank draft, postal or express money order is used. Three years \$6.00, in U. S.

RALPH T. OLCOTT
Editor Manager

AMERICAN FRUITS PUBLISHING COMPANY, INC.

39 State Street,
Rochester, N. Y.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence. **INDEPENDENT AND FEARLESS**—"AMERICAN NURSERYMAN" is not the official journal of any organization. It therefore makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only Nursery Trade publication which is not owned by nurserymen.

This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

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PREFERRED
STOCK**LIMPING LIMERICKS**

(SERIES A. NO. 4)

When people who're both wise and knowing
Each year come and see our fine showing
They most quickly agree
That it's easy to see
That our trade (in two senses) is "growing".

THE
PREFERRED
STOCK

OUR FALL PRICE LIST is to be mailed early in September. If you do not receive it, write to have your name placed on our mailing list.

Use printed stationery. We sell to the trade only.

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HARDY PERENNIALS

(Large Assortment)

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(Strong, field grown)

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RICE BROTHERS CO.

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A General Surplus on
Fruit Trees, Ornamental Trees,
Shrubs and Roses

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Offering a Full Line of Nursery Items

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Shrubs, Roses and Ornamentals.
Fruit Trees, full line, scarce sorts.
Hedge Plants, all kinds and sizes.
Barberry Thunbergii Seedlings.
Imported Seedlings and Stocks.
Kansas Crown Apple Seedlings.
Multiflora Japonica Rose Seedlings.

Our grades are right and we are prepared to handle your orders as they should be handled. Write for prices to-day. Watch for our Wholesale Bulletin out about September fifteenth.

*It's Your fault if you are not
our Satisfied Customer*

Some of the items we offer for Fall 1922

APPLES, 1 and 2 yr., Buds

PEACH, 1 yr.

PLUMS, 2 yr.

GRAPES, 1 and 2 yr.

ASPARAGUS, 2 yr.

RHUBARB

CALIFORNIA PRIVET

SHADE AND ORNAMENTAL TREES in assortment
BARBERRY THUN. FLOWERING SHRUBS

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with a side issue
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The only publication in America devoted to the Nur-
sery Trade as a Main Issue is the
AMERICAN NURSERYMAN

American Nurseryman

The National Journal Of Commercial Horticulture

Entered September 1, 1916, at Rochester, N. Y. Post Office as second-class mail matter

Vol. XXXVI

ROCHESTER N. Y., SEPTEMBER, 1922

No. 3

FEDERAL WORK IN NURSERY STOCK INVESTIGATIONS

At Annual Convention of American Association of Nurserymen

L. B. Scott in charge of special Nursery stock investigations for the U. S. Department of Agriculture, made interesting report on the progress of this practical important work. Associated with him are G. E. Yerkes, a graduate of the Kansas Agricultural College, who has had a number of years' Nursery experience in Kansas and Oklahoma and who is in direct charge of propagation. Charles Swingle, who is also a graduate of the Kansas Agricultural College and has had several years' Nursery experience in California, is another member of the staff; in a temporary capacity this year, is N. L. Hancock, who has also had several years' Nursery experience, and expects to take charge of the propagation work for the College of Agriculture of the University of Nanking, Nanking, China. Stanley Johnston, a graduate of the Michigan Agricultural College, of the Michigan Agricultural Experiment Station last spring besides "many thousands" of one agent, making three-fourths of the Nursery stock work at that place.

The appropriation of \$20,000 secured two years ago was repeated in the bill for the present fiscal year and also for the fiscal year beginning July 1. With such a small appropriation, it has been necessary to plan our work very carefully, and in fact to operate as a small Nurseryman and a very small one at that.

Mr. Scott said:

Our experimental work this year has been carried on at three places, Bell, Maryland; South Haven, Mich.; and at Diamond Springs, Va.

At Bell, where this year the bulk of our work has been developed, we have $6\frac{1}{2}$ acres leased for Nursery stock work. About four acres this year are actually planted.

At South Haven, our work is carried on co-operatively with the Michigan Agricultural Experiment Station. We are only using a half acre of ground at South Haven this year, but hope another season to extend our work there.

At Diamond Springs, our work is carried on on land belonging to the Virginia Truck Experiment Station.

With work being carried on in at least three locations where soil conditions and climate conditions are very different, we are able to secure a good check on our work and also to find out whether methods which seem applicable in one section can be utilized more or less generally.

In May of this year a number of Nurserymen attended a conference with the Federal Horticultural Board at Washington, and while there, your President, Mr. Cashman, and some seven or eight other leading Nurserymen who were there, visited our experimental Nursery at Bell. These men were all practical Nurserymen and their expression of approval and appreciation of the way we were developing the Nursery stock work, personally, meant a great deal to me.

Our three main sub-projects can be grouped as follows:

- (1) The raising of fruit tree seedlings;
- (2) The Vegetative propagation of fruit tree stocks;
- (3) A comprehensive study of a number of common and several promising new rose stocks.

While apple and pear seedlings have been raised in the Kaw valley of Kansas for many years, and while several millions of seedlings are annually shipped from this locality, in talking with Nurserymen in different parts of the country, it was found that there was a wide range of opinion regarding Kansas grown seedlings. Some preferred the imported.

In order to secure some definite information for ourselves, we purchased one-year-old apple seedlings a year ago from a number of different sources and lined them out in our Nursery at Bell. As a result of one year's observation, it was our opinion that the seedlings which made the best growth were (1) American-grown seedlings from American seed; (2) imported French seedlings; and (3) American-grown seedlings from French seed.

We are continuing our observations on these seedlings in comparative blocks for another year at Bell, and in addition have taken a few hundred trees of each of three different lots of seedlings for a further test. These seedlings were grown at Hamburg, Iowa in 1920, and include (1) seedlings from Vermont seeds; (2) seedlings from Minnesota seeds; and (3) seedlings from French seeds. These seedlings were in the general study block at Bell in 1921 and were lined out again this year for further study and budded the last of May to the following varieties: Northern Spy, Baldwin, Stayman, Jonathan, and Winesap. The behavior of these trees from year to year will be noted.

From our work up to date, we believe that good apple seedlings can be raised in this country, but we also believe a better seedling can be raised from American seed than from imported French seed.

Is there any difference in seedlings raised from our named American apple varieties? The answer is there is a marked difference. For two years we have had an absolute failure in getting a stand of seedlings from seeds of Baldwin. Seeds of McIntosh on the other hand produce strong, vigorous seedlings. Seedlings of Tolman were particularly outstanding last year and gave us a high percentage of clean straight roots.

Should we find that the seedlings of some one variety seem particularly outstanding, after a series of years and seem desirable to use as stocks, will it be practicable for the American apple seedling grower to secure that seed in sufficient quantities and at a price so that we can handle his seedlings at a fair profit? I am very frank in saying that we are quite skeptical on this point. In addition to this fact, I believe it

is commonly recognized that there is a great variation in individual seedling root stocks. This is particularly emphasized in the work of Prof. F. C. Reimer of the Southern Oregon Experiment Station, at Talent, Ore., with *Pyrus usuriensis* and *Pyrus calleryana*, two Chinese species which seem to offer unusual possibilities as blight-resistant stocks for pears. He has found, however, a marked variation in the resistance of individual seedlings of these species to blight. Because of this variation in individual seedlings which might be manifested either in the disease resistance, difference in development of root systems, or in some other character, it seemed advisable to us to give serious attention to the possibility of propagating fruit tree stocks vegetatively.

Before I discuss this part of our work which is one of the most interesting phases of our Nursery stock investigations, I want to emphasize that this work is in the experimental stage, but the results we are obtaining are very promising.

The propagation of apple varieties by hardwood cuttings has been attempted a number of times with indifferent success. The propagation of many fruit stocks by softwood cuttings is for some classes of plants not only possible, but probably commercially practical, the objection that it requires some special equipment and more or less controlled conditions.

Layering is another possibility, but offers the objection of being a rather slow way and more or less expensive. In all of these operations the method of attack has been to start with a part of the plant which normally grows above the ground and induce it to send out roots. We have simply reversed this method and taken the part which is below the ground, that is a root cutting, and allowed it to send out shoots from adventitious buds and at the same time develop roots. Our method is probably best described as a combination of root cuttings and mound layering. It was first tried by us last year at Bell, Md., and in a much more intensive way at Bell, South Haven and Diamond Springs this year.

A brief description of the way we handled a lot of 5000 Yakima seedlings may serve to illustrate just what I mean. From these 5000 seedlings about 50,000 plants have been secured from root cuttings and the 5000 seedlings were also retained with sufficient roots so they could be planted out. Cuttings were made of the tap roots and also from the side roots. These cuttings were graded according to position. First the side roots were stripped and tied into bundles, probably 100 roots to a bundle. The tap roots were tied into bundles of 25 to 50. The root cuttings were made with pruning shears, on the tap roots using large two-handled shears. One man held the bundles, while a second man did the cutting. The cuttings were made about three inches in length and were stored separately. The following sizes were

(Continued on page 62)

Summer Meetings and Outings of Nurserymen

Connecticut Nurserymen's Outing

Members of the Connecticut Nurserymen's Association held their summer outing August 16th at Hammanasset Beach, on Long Island Sound. The weather was ideal and the energetic work of Walter E. Campbell of New Haven, in rounding up the members resulted in an attendance of ninety, including the ladies. A novel shore dinner was enjoyed. This was followed by a ball game resulting in ten runs for the Nurserymen and three for tree protectors. The two umpires were carried from the field in motor cars and cared for as their condition required. Dr. W. E. Britton, state entomologist, almost hit the ball once; C. R. Burr was present in the capacity of observer and F. J. Rippin was fined \$10 and ordered off the grounds. The tree workers were captained by City Forester George A. Cromie, New Haven; the Nurserymen by Henry W. Gottschalk of C. R. Burr & Co.

Among the unusual features which prevented it from being just an ordinary ball game and kept it out of the listless class were the facts that while a committee from the Nurserymen's team—the winners—was drafting a resolution declaring that the decisions by the field umpire were strictly in accordance with some New York State politics and the worst ever rendered in Connecticut, a committee from the Tree Protectors' team—the losers—engrossed a set of resolutions praising the field umpire for his absolute impartiality and his fine judgment as to first base problems; also the fact that C. R. Burr was content to look on throughout the game!

Among those present were: John R. Barnes, Frank Thomas, Yalesville; F. A. Bartlett, Stamford; Walter Adams, Springfield, Mass.; Paul M. Hubbard, A. Cumming, Bristol; H. Verkade, New London; W. W. Hunt, C. H. Sierman, Charles Turner, Hartford; Dr. W. E. Britton, George A. Cromie, Dr. Walter O. Filley, Dr. George A. Clentson, Walter E. Campbell, W. W. McCartney, Robert E. Faxon, New Haven; John H. Fay, county agent, Neale Millane, J. H. Fagan, Middletown; C. R. Burr, Charles S. Burr, H. W. Gottschalk, Frank J. Rippin, George S. Harris, Earl Campbell, A. E. St. John, David B. Heatley, Manchester; J. J. Kelley, Sr., J. J. Kelley, Jr., L. Kelley, H. Kelley, Frank Kelley, New Canaan; Charles B. Meyer, Stepney Depot; G. Minge, Rocky Hill; Frank Josifky, Madison; George R. Godfrey, Bridgeport; Philip Marotta, Rockfall; O. F. Ernst, H. D. Rogers, Norwich; H. S. Heath, Hopkinton, N. H. Barnes, Wallingford.

Pennsylvania Outing

Thursday, August 10th, witnessed the assembling of members of the Pennsylvania Nurserymen's Association and their friends at the office and greenhouse branch of B. F. Barr, Lancaster, Pa., the occasion being the annual summer meeting and tour of the Association. The day being perfect, a gathering of about 40 people were on hand to take the trip by automobile through portions of the city of Lancaster, past the wonderfully fine grounds surrounding the Hamilton watch factory and through Long Park.

A tour of about six miles through a prosperous looking farming section brought us to the well-kept and comfortable home of our fellow member, A. W. Root. In spite of a severe hail storm which had centered over

his property the week before, visitors were impressed with the fertile soil and thorough cultivation which Mr. Root believes in and practices.

A liberal assortment of varieties was noticed, both fruits and ornamental, all in good condition of growth and vigor. A neat storage shed, constructed largely by their own hands was a credit to the industry of the proprietors. The fact of a young son being interested in the business now with the father, and the mother and daughters contributing much to the comfort and success of these home enterprises, both as to the farm and the Nursery, left a most pleasing and lasting impression on those privileged to visit the Root Nursery.

Returning to Lancaster, our morning company of 40 had been increased to 52 when all were seated at the luncheon tables.

In the afternoon the company journeyed to the Avondale Farm, the home of B. F. Barr, about five miles out of the city. Here a considerable acreage of choice ornamentals were shown.

At the meeting, after the company assembled on the porch, one hour was assigned to the program. Proceeding immediately with this, it was our pleasure to listen to a paper by James Rule, Director of Science of the State Department of Public Instruction. The plea of Dr. Rule, that children should be taught more of flowers, trees and nature, and that the school grounds of the country should reflect the advantages of these, were strongly brought out. So much was this paper appreciated that it was decided, upon motion by Robert Pyle, that the paper should be published in pamphlet form and be available for liberal distribution by members of the Association.

HENRY T. MOON, Secy.

Morrisville, Pa.

New Jersey Nurserymen enjoyed their summer outing at the Dreer Nurseries, Riverton, N. J., Aug. 8th, visiting also the Federal Expt. station at Cinnaminson and the Pomona Nurseries.

The Baldwin Apple

During the severe winter of 1917 to 1918, many Baldwin trees in northern New York and in the higher altitudes in other sections of the state were seriously injured or completely killed out. This winter-injury has been brought home to the growers in the past two or three years through a decline in their Baldwin plantings and, as a result, the popularity of the variety has suffered somewhat in certain apple regions.

The Baldwin is entirely too good a market apple to lose favor with commercial growers in general. It is evident, however, that the variety is not adapted to localities where the winter temperatures drop as low as they do in northern New York, and that in such regions varieties developed under more severe conditions, such as the McIntosh should be substituted for the Baldwin.

Horticulturists at the New York Agricultural Experiment Station at Geneva assert that the Baldwin is an apple of location and that its tendency to winter-kill is probably its most undesirable characteristic. The McIntosh, on the other hand, is adapted to low temperatures; but since it is a late fall or early winter apple, it will never compete seriously with the Baldwin on the market. However, McIntosh can undoubtedly be grown to advantage where the Baldwin is dying out from winter-injury.

Going Some on Figs

J. C. Forkner, fig king of the world, Fresno, California, predicts that a few generations hence California, which is so wonderfully adapted to fig growing, will replace Mesopotamia as the greatest fig-growing area in the world, and will enjoy some day the same great prestige that that ancient country did at the height of its fig industry. Already he has planted 12,000 acres of fig trees, half as many as were planted in the whole of Smyrna in 2,000 years, and twice as many trees as have been planted anywhere in the last fifty years.

With such vast groves as these Forkner does the cultivating on a wholesale scale. He has 104 Ford tractors, and these are kept in constant operation, being sent out in groups of seven or eight under foremen.

In comparing the fig-growing area of the Old World and this county it is astounding to find such a similarity in physical outline. The valley between the Tigris and the Euphrates contains 13,000,000 acres, exactly the same area as lies between the Sacramento and San Joaquin Rivers. I have not yet been able to find the slightest difference in temperature, and, just as in the Old World area, that section of California is a natural dehydrator.

"But now I have 600,000 fig trees. Of course, many of these are not productive yet, but this year we will have 1,000 tons of fruit, a rich reward for my patience, for it means that the trees are a success. In six years, figuring by the present scale, we will have 30,000 or 40,000 tons. It is really wonderful to see the trees—so symmetrical are they—and with the care we have given them they are growing far more shapely than the trees in the Old World. Just to give an added touch of beauty, I have planted one ornamental tree in every ten. They are wondrously beautiful, but will not produce for generations, so of course, I will not be able to see them at their best. The customary dried fig will be a side issue. By a little experimenting I have found that figs can be canned as well as any other fruit.

For Those "Not Familiar"

In 1912 Congress passed a law creating a Federal Horticultural Board which regulates the character of all imported plant materials and all stock carried in interstate commerce. Quarantine No. 37, under this law, has been subject to much discussion. All such laws and regulations, doubtless, give rise to questions of their necessity, and those not familiar with the questions and larger problems at stake are likely to look upon their restrictions as undue interference.

The purpose of all these laws is not only to prevent the introduction into new areas of insects and plant diseases, but likewise to control and stamp out those that do gain a foothold. Over one-half the principal injurious insects now prevalent in this country are aliens brought over from foreign countries. Most of these are in their native lands kept in check by natural enemies; when they are imported, the enemies are left at home and, like pioneers in a new country, these alien pests thrive without competition or restraint. Time will not permit a narration of the numerous instances wherein Kansas has benefited from the provisions of this legislation.—Prof. S. J. Hunter.

NOW BOOKING FOR FALL 1922 AND SPRING 1923 DELIVERY

HILL'S COMPLETE STOCK OF CHOICE EVERGREENS, ETC.

For Lining Out

	100	1000		100	1000
Abies Douglasii (Douglas Fir)			Picea Canadensis (Black Hill Spruce)		
8-10 inch x Bedded Stock	\$ 10.00	\$ 90.00	6-8 inch x Bedded Stock	\$ 9.00	\$ 80.00
Abies Tsuga Canadensis (Hemlock)			10-12 " xx From Field Rows	25.00	.....
8-10 inch x Bedded Stock	12.00	110.00	Picea Excelan (Norway Spruce)		
12-18 " xx From Field Rows	30.00	127.50	8-10 inch x Bedded Stock	7.00	60.00
Biota Orientalis (Chinese Arbor Vitae)			12-18 " xx From Field Rows	10.00	90.00
6-8 inch o 2 yr. From Seedling Beds	3.00	20.00	18-24 " xx From Field Rows	11.50	110.00
8-10 " x Bedded Stock	6.00	50.00	Picea pungens (Colorado Blue Spruce)		
Biota Orientalis Aurea Nana			6-8 inch x Bedded Stock	12.00	100.00
6-8 inch x Bedded Stock	16.50	150.00	10-12 " xx From Field Rows	30.00	.....
Juniperus Canadensis			Pinus Austrina (Austrian Pine)		
6-8 inch o 2 yr. From Seedling Beds	7.50	65.00	8-10 inch x Bedded Stock	10.00	90.00
12-18 " xx From Field Rows	40.00	.....	10-12 " xx From Field Rows	20.00	190.00
Juniperus Chinensis Pfitzeriana			Pinus Mugho Compacta (Dwarf Mt. Pine)		
8-10 inch x Bedded Stock	25.00	225.00	6-8 inch x Bedded Stock	15.00	140.00
1 1/2 feet xx From Field Rows, B&B	110.00	.....	Pinus Sylvestris (Scotch Pine)		
Juniperus Chinensis Procumbens			12-18 inch xx From Field Rows	20.00	190.00
6-8 inch x Bedded Stock	30.00	.....	Taxus cuspidata Brevifolia		
Juniperus Sabina (Savin Juniper)			6-8 inch x Bedded Stock	30.00	.....
6-8 inch x Bedded Stock	25.00	.....	Thuja Occidentalis (American Arbor Vitae)		
Juniperus Sabina Horizontalis			8-10 inch x Bedded Stock	8.00	70.00
10-12 inch xx From Field Rows	45.00	.....	Thuja Occidentalis Compacta		
Juniperus Scopulorum			6-8 inch x Bedded Stock	15.00	140.00
10-12 inch xx From Field Rows	40.00	.....	Thuja Occidentalis Ellwangeriana		
Juniperus Virginiana (Red Cedar)			6-8 inch x Bedded Stock	20.00	.....
12-18 inch xx From Field Rows	20.00	180.00	Thuja Occidentalis Hoveyi		
18-24 " xx From Field Rows	25.00	225.00	10-12 inch xx From Field Rows	40.00	.....
Juniperus Virginiana Glauca			Thuja Occidentalis Little Gem		
1-1 1/2 feet xx From Field Rows, B&B	75.00	.....	6-8 inch x Bedded Stock	25.00	.....
Juniperus Virginiana Schottii			Thuja Occidentalis Pyramidalis		
1-1 1/2 feet xx From Field Rows, B&B	70.00	.....	6-8 inch x Bedded Stock	17.50	165.00

Each x indicates one transplanting. o indicates seedling.

50 of same variety and size at 100 rate; 500 at 1000 rate. B&B signifies balled & burlapped.

This is only a partial list of good items we offer for delivery the coming season.

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FORD AND CHASE

Henry Ford and Henry Chase think a good deal alike—the former arguing generally, the latter specifically. Mr. Ford is strong for maintenance of prices and wages. How can one expect the people to buy freely, he says, if they have not the money. Therefore wages and salaries should be maintained at a fair level, while living costs should be reduced by the reduction of profits for large interests in cases where the margin is unduly high.

The Detroit man and the man from Alabama apparently have been looking to see what is just "around the corner." And both have had eyes on the same corner. Mr. Chase in his argument before the Detroit convention in June urged the members of the A. A. N. not to go wild on their plantings. He asked them to stop and think of old pay rolls, old trial balances, old freight and express bills and overhead account and to compare these with their costs today. By old accounts he meant those of 1911-1914, the pre-war days.

"If you will take time to make this comparison," he said, "you will find that it is utterly out of the question for you to live under the prices which you secured for your products during that time and as sure as the sun shines over-production will bring our industry right back to 6c apple, 9c Kieffer, 14c cherry, 6c peach and 12c roses in spite of your present operating expense of 50% and 150% greater than it was during the pre-war period. Get me clearly on this point, over-production means the old time prices in spite of a tremendously increased operating expense.

"There is no getting away from it. When there is a production of two trees or plants

where only one is required to meet the demands of the trade, both trees and both plants will be sold, if possible, at a nickel or six cents, or any price at all. There is no getting away from this fact; but remember your cost of doing business today is not on a nickel or six cent basis.

"Certainly any and every move that will tend toward educating the people to plant trees and shrubs, that will help to stimulate the market for our products should receive right now a little closer attention than ever before. This matter of over production is a feature of the Nursery business that can never be controlled but it is up to everyone of us to stop and think and apply sound, conservative plantings now and by so doing we can help mightily to keep the Nursery industry on a basis that pays us a reasonable return for our labors."

And it is this reasonable return that will enable Nurserymen to pay the wages and the salaries for which Mr. Ford argues. Then the people will have the money to turn back in payment for orders for Nursery stock.

J. A. Young's "Plan to Plant Another Tree" campaign and the work of the Market Development committee of the A. A. N. are mighty factors creating the demand for Nursery stock which will help to maintain prices. They are factors which Nurserymen should boost at every opportunity—and this was the very spirit manifested toward these endeavors when discussed at the Detroit convention.

The late J. Van Lindley, of Pomona, N. C., planted the first orchard 25 years ago in the sand hills of North Carolina which are now producing enormous quantities of fruit.

At Pennsylvania Nurserymen's Outing

Those present were: Jas. N. Rule, director of science, State Department of Public Instruction; Raymond M. Thomas and Mr. and Mrs. Chas. L. Thomas, King of Prussia; Chas. E. Thomas and wife, Wayne, Pa.; P. M. Parthemore, Harrisburg, Pa.; A. E. Wohler and wife, Narberth, Pa.; Albert Meehan, Dresher, Pa.; S. Mendelson Meehan, Germantown, Pa.; F. F. Rockwell, Bridgeton, N. J.; H. G. Baugher Aspers, Pa.; Prof. J. G. Sanders, Bureau of Plant Industry, Harrisburg, Pa.; R. T. Brown, Queens, N. Y.; Mr. and Mrs. Edwin S. Thomas and Chas. Valne, King of Prussia; Mr. and Mrs. B. H. Farr and S. G. Clousen, Reading, Pa.; Mr. and Mrs. A. Miller, Norristown, Pa.; Henry T. Moon, Morrisville, Pa.; Rudolph Roehrs and Andrew Neveer, Rutherford, N. J.; Fred D. Osman, New Brunswick, N. J.; R. T. Satterthwaite and S. J. Toff of the Conard & Jones Co., West Grove, Pa.; Alexander MacElwee, landscape gardener, Fairmount Park, Philadelphia; John Albrecht, Narberth, Pa.; Thomas Rakestraw, Kennett Square, Pa.; J. Horace McFarland, Harrisburg, Pa.; Robert Pyle, West Grove, Pa.; Mr. and Mrs. B. F. Barr, Mr. and Mrs. Walter Markley and Mr. and Mrs. A. M. Herr, Lancaster, Pa.

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CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

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Drafts on New York, or postal orders, instead of checks, are requested.

ROCHESTER, N. Y., SEPT., 1922

Trade Associations

American Association of Nurserymen—Charles Sizemore, secy., Louisiana, Mo.; 1922 Convention, Detroit, Mich., June 28-30.

Pacific Coast Association of Nurserymen—C. A. Tonneson, secy., Burton, Wash.

Western Nurserymen's Association—George W. Holsinger, secy., Rosedale, Kan.; 1923 Convention, Kansas City, Mo., January.

Southwestern Nurserymen's Association—George F. Verhalen, secy., Scottsville, Tex.

Southern Nurserymen's Association—O. W. Fraser, secy., Birmingham, Ala.

Eastern Nurserymen's Association—F. F. Rockwell, secy., Bridgeton, N. J.

New England Nurserymen's Association—Sheldon Robinson, secy., Lexington, Mass.

Northern Nurserymen's Retail Association—Robert Wedge, secy., Albert Lea, Minn.; December 1922.

Western Canada Nurserymen's Association—T. A. Torgeson, secy., Estevan, Sask., Canada.

New Jersey Association of Nurserymen—K. M. Van Gelderen, secy., Long Branch, N. J.

Pennsylvania Association of Nurserymen—Henry T. Moon, secy., Morrisville, Pa.

Massachusetts Nurserymen's Association—Winthrop H. Thurlow, secy., W. Newbury, Mass.

Iowa Nurserymen's Association—R. S. Herrick, secy., State House, Des Moines, Ia.

New York Nurserymen's Association—Charles J. Maloy, secy., Rochester, N. Y.; Feb. 1923 at Rochester, N. Y.

Illinois Nurserymen's Association—John A. Young, secy., Aurora, Ill.

California Association of Nurserymen—Mr. Grady, secy., San Francisco, Cal.

Tennessee Nurserymen's Association—Prof. G. M. Bentley, secy., Knoxville, Tenn.

Connecticut Nurserymen's Association—Frank J. Rippin, secy., Manchester, Conn.

Ohio Nurserymen's Association—Clarence Siebenthaler, secy., Dayton, O.

Rhode Island Nurserymen's Association—H. H. deWildt, secy., 521 Elmwood Ave., Providence, R. I.

Missouri Nurserymen's Association—George H. Johnston, secy., Kansas, City Nurs., Kansas City, Mo.

Quarantine 37 Permits

Regular permits will be issued for importation under Regulation 3 of Quarantine 37 to Customs brokers when the brokers are actual importers in their own name but such permits are not to be used to cover importations made by other importing firms which they may chance to represent in Customs matters. Each importer must receive his own permits and he must be responsible for compliance with the regulations in regard to his own material. The miscellaneous assignment of imported material to brokers' permits leads to confusion.

IS THE TRADE READY FOR THIS?

When Harlan P. Kelsey unpacked a box and piled the contents, pink-covered pamphlets, high upon the president's table at the Detroit convention in June, in response to the call for the report of the committee on standardization, there was mild interest on the part of those present to learn what it was all about.

Certainly there could have been nowhere in that convention hall (outside of four or five Nurserymen who have given the subject much thought) any genuine enthusiasm over the prospect that some definite plan for action might be outlined. For whenever an attempt has been made in the *American Nurseryman* to arouse interest in the trade on this subject, even though columns and columns of matter have been published, not a single expression for publication was made, other, we believe, than the earnest argument in favor of cost accounting based upon standardization by Alvin E. Nelson, the resulting activity by the Illinois State Nurserymen's Association of which Mr. Nelson is a member, some discussion in the O. G. A., and occasional reference to the subject in an A. A. N. presidential address and the annual appointment of a committee.

Over and over it has been stated, in connection with other objections to progressiveness in national organization matters, that standardization for Nurserymen is impracticable. Those who so argued evidently preferred to have the subject dropped. But the man whom the American Association has just honored with the vice-presidency has the rather old-fashioned notion that appointment to the chairmanship of a committee pre-supposes action. It was to be expected that the man who has for several years been the chairman of a committee which has produced such results as has the nomenclature committee of the A. A. N., would be heard from in due time in connection with the work of any other committee which he headed.

The interleaved printed report of 13 pages by the committee on standardization of horticultural trade practice represents the first definite action of the kind on a comprehensive scale in the history of the American Nursery Trade. The report, which was published almost in its entirety in the July issue of the *American Nurseryman* as one of the most important convention documents in years, shows rather wide divergence from the characteristics of the simple life; but we believe the possibilities it unfolds for something like uniform business practice within the trade for the benefit of Nurserymen and their customers may result in putting the plan into practice.

Not much real progress can be made, in

PRICES IN ADVERTISEMENTS

The *AMERICAN NURSERYMAN* and the *AMERICAN NURSERY TRADE BULLETIN* are Nursery Trade Journals—nothing else. Therefore, prices may be used freely in advertisements in these journals, of course.

This announcement is made again, for the benefit of those who may have confused our policy with that of some other publication.

The publishers of these journals do not announce that prices in advertisements therein are "for the trade only" and then send the journals to gardeners, and amateurs generally!

our opinion, in this and other progressive policies of the A. A. N., without a clear consideration of the interests of the user of the Nurserymen's product. The planter's interest must always be uppermost. For what purpose does the Nurseryman produce stock? For the mere pleasure of seeing it in process of production? For the brush pile?

Strange that we have had to argue for years that the interests of the purchaser and planter of Nursery stock must be conserved; that an attempt—and repeated attempts—to defraud a planter, on the part of a Nurseryman, deserves radical action by organized Nurserymen, regardless of the mere detail of a money Refund!

It is futile, of course, to discuss standardization if at the same time the violator of plain, everyday, common-sense business ethics is to be protected. It's a waste of time.

MAKE IT SELF-SUPPORTING

Regardless of strikes or other handicaps in railroad circles Secretary and Traffic Manager Sizemore persists in making a most attractive financial showing in his department. The entire expense of conducting his office, including salary, last fiscal year was \$6,982.60, and he turned back in railroad claim collections, badge book profits and Collection Bureau returns, \$4,908.72! He says he can make the office self-supporting if all the A. A. N. members will send him all their freight claims and collections to handle. Why not do it?

PROMPT APPOINTMENTS

How easy this matter of standing committee appointments can be made when one goes right after it is shown by the action of President Lindley in naming the list in 30 days after the convention adjourned. This journal has repeatedly directed attention to the set-backs resulting from long delayed announcement of the working committees of the national organization. As at present constituted the work of the Association devolves largely upon these committees which are handicapped if they have only nine months time, or less, to do a year's work.

Ye gods! Here's President Lindley of the American Association of Nurserymen in his "Paul's Pomona Paragraphs" calling upon the pathologists for more preventive measures against pests and plant diseases. Don't you know, Paul, that Mr. McFarland's Horticultural Committee, Mr. McHutchison's florist committee, the florists' papers and others have declared that the Nurserymen of the country want less prevention against insect pests and diseases?

The result of the questionnaire on Quarantine 37 conducted last spring by the American Association of Nurserymen surprised a good many who were not in touch with the American Nursery Trade; and it surprised none more so, perhaps, than it did a contemporary which forthwith overnight climbed on the Pro-Quarantine Band Wagon, and immediately afterward, through unfamiliarity with this opposite side of the question got into argument with a florists' paper! A little humor now and then is good for even Nurserymen.

New York State Horticultural Society met in Ithaca, N. Y., on Aug. 19th; Nebraska Society met at Arbor Lodge Aug. 10th.

Say you saw it in *AMERICAN NURSERYMAN*

MAY CORRECT MUCH ERROR

"Leaf Characters of Apple Varieties" is the title of Bulletin 208 of the Massachusetts Agl. Expt. Sta., April 1922, by J. K. Shaw. This is an illustrated account of the interesting work by Prof. Shaw, which has been summarized in the *American Nurseryman*, as the result of successful demonstrations at Amherst, Mass., in the presence of Nurserymen. The bulletin reports the work of seven years' work in attempting to establish a basis on which trees can be identified previous to fruiting. In this work the leaves are used as the taxonomic character. In future work it is expected to continue the study with reference to tree form, appearance of bark, and growth habits. Nurserymen should procure copies of the bulletin and study them. The subject is one of the most important in the trade.

"POLITICS, FORGET IT"

The *American Nurseryman* welcomes newcomers to the ranks of those who have long labored in behalf of American Horticulture.

Politics makes strange bed fellows. As an absolutely independent publication the *American Nurseryman* has noted with much amusement the flopping to get under cover, the climbing upon the band wagon. A Nursery paper which long argued against Quarantine 37 and sided with the brokers and other importers against American interests, has argued the other way ever since the result of the American Association of Nurserymen questionnaire as to Quarantine 37 was announced!

The *American Nurseryman* found it difficult to procure for publication the views of many leading Nurserymen previous to that questionnaire. Since then we have not had room to print the expressions which have voluntarily been offered!

It ought not to require mass formation to get out an expression of honest views; but it is noticeable that the May 15th conference in Washington brought to light expression in the Nursery trade which had still been withheld after questionnaire results!

The florists' papers are still on the obstructionist side, and as a result are being bombarded right and left by the biggest men in the florist trade. They are obliged to publish column after column of matter in praise of Quarantine 37. They introduce obstructionist paragraphs here and there, sometimes in the very articles referred to.

President Lindley of the American Association is quoted since his election under the title of "Paul's Pomona Paragraphs" as follows:

President
Paul
Presiding sends a
Plea to the
Pathologists for more
Preventing measures of
Pests and
Plant diseases.
Police duties, enforce.
Politics, forget it.

The Cottage Gardens Co., in California, plan to restrict field culture of certain classes of stock to make room for extensive culture of azaleas, rhododendrons and boxwoods.

"Contrary to the general belief, I don't think much of crossing species to secure new varieties," says Luther Burbank. "Most of my work is done by selection, raising a large number of seedlings and selecting the better ones."

AN

See you saw it in AMERICAN NURSERYMAN

Why Do People Laugh At Us?

A Detroit Convention Address

Paul C. Lindley, discussing state, sectional and national associations, talked a little on the topic: "Why Do People Laugh At Us?"

"Many of you people," he said, will take exception to my remarking that when a Nurseryman is introduced, people smile. Our business of one of God's greatest gifts, but they laugh at the way we handle it. I don't mean we, the members of the A. A. N.; but as we come under the same classification as the Nurserymen 'at large,' it is up to us to clear this damaging impression. The beginning of the Lovejoy articles was an accusation that cut-back mowing machine peach trees were being sold. John Watson did not believe it, never heard of it; but it was the truth just the same.

"Stanley (a cartoonist) publishing a series running in practically every paper in the United States, under the title, 'The Old Home Town,' pictures in large space a fruit tree salesman who covered this territory last spring, going through town today. He did not stop. He was lashing his horse, had two bundles of trees sticking out the end of his buggy, the side curtains were up, dogs were barking, one farmer says, 'That's the scamp,' another says, 'He sold me some Chinese Pineapple trees.' In another cartoon a few days later he uses the sign, 'Agents for everbloom grass seed.' You smile; why not others at this true, ridiculous picture?

During the late war it was not 95%, but a measly 5% of the pro-Germans in the U. S. that caused Uncle Sam to enact drastic laws to protect our industries.

"I firmly believe that at least 95%, or more, of the Nursery industry is composed of clean and honorable men; but the other 5% of so-called Nurserymen are the chief cause of why people laugh at us and many of the recent drastic laws, especially in the Southern States.

"In discussing state, sectional and National associations, let's call them by three, simple, old-fashioned words, 'RIDIN'.' 'RITING,' 'RITHMETIC.'

"'READIN' defines our state Associations, which in some states comprise more members than the largest sectional association. In five counties in Tennessee there are more than 100 men interested in the Nursery industry. The state entomologist of Florida lists 2700 Nurseries in his state. This bunch of men in the different states can get together oftener than once a year, for friendship, good will, to talk over longs and shorts, prices and other matters vital to their own immediate state. It brings the big fellow and little fellow together, and does away with the old, competitive feeling. State associations should be encouraged.

"'RITING' is my term for sectional associations. This is a step towards real constructive work. Here is the place to define a Nurseryman; here we can bring together a bunch of men not financially able to join or attend national meetings, yet they have problems that need attention. Here is the place to bring together your Nursery foremen, your office men, and have talks that will enlighten the class of men that really handle our business. Sectional Associations are necessary on account of the extreme difference existing in the different sections of the U. S.

"Wm. Flemer, Sr., of Princeton, N. J., in his suggestion for Sectional Nurserymen's Associations, in this summary, says:

It seems to me that there should be three

distinct associations: STATE, SECTIONAL AND NATIONAL and that as far as practical the committees of the sectional body be made up from the members constituting the like committee in the states included in that section, and that the National committees in turn consist of men selected from the like committees in the sectional associations, of which it appears to me there should be five; namely, EASTERN, SOUTHERN, CENTRAL WESTERN, WESTERN AND PACIFIC COAST. In this way the National Association will always be a representative body of all interests.

"I believe his suggestion should get a fair trial, and is the only feasible plan for closer co-operation and for the best interests of all Nursery associations. This body of KEY men would be able to mold the state of mind in their respective associations.

"'RITHMETIC,' The National Association; to function on national problems and assist minor organizations in state matters that might become national in scope, whose aim is the advancement of the Nursery interests of the country.

"The state and sectional associations often have a piano to move. Is the American Association of Nurserymen going to grab the stool or help move the piano? The American Association of Nurserymen is a battery station. The various state and sectional associations send their KEY men to your conventions to be recharged.

"Do we need a Master Key, a CO-ORDINATOR to assist the KEY men of the different associations, the chairmen of the different committees in their work? No Nurseryman has the time, nor can he neglect his business to attend to the many minor details necessary to the success of our industry. In Washington, not geographically, but logically the center of the U. S., we need an office, and a CO-ORDINATOR.

"As a means of accomplishing something definite, let's try this 'triple tie-up,' with a CO-ORDINATOR and see if it isn't worth while."

FOR NEW A. A. N. MEMBERS

The *American Nurseryman* started the year 1922 with a boost for increased membership in the American Association. It has urged larger membership consistently for many years and at every opportunity. Notwithstanding repeated campaigns for members and continuous presentation of the advantages of membership in the national organization, Nurserymen outside of the Association hold off.

We presume some at least may be waiting for a special inducement.

Very well; the *American Nurseryman* will do what it can. In addition to boosting for additional members by way of argument the publishers of this journal offer a year's subscription for the *American Nurseryman* for half price to any Nurseryman who will say that he wants it at the time he sends his application for membership to the Association.

If the applicant is already a subscriber, we will extend his subscription one year.

Association members procuring additions to A. A. N. membership may use this announcement in connection therewith.

John S. Kerr, Sherman, Texas, chairman A. A. N. committee on courses in Nursery training in agricultural colleges, names the following committee: R. M. Wyman, Framingham, Mass.; J. R. Mayhew, Waxahachie, Texas; Jim Parker, Tecumseh, Okla.; Alvin E. Nelson, Chicago, Ill. This completes all committees, except that on relations with landscape architects.

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Nice block of transplanted American Elm,
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PLAN TO PLANT ANOTHER TREE

J. A. YOUNG

While there was marked interest in the activity of the "Plan to Plant Another Tree" Campaign at the Detroit convention of the A. A. N., as there has been among Nurserymen generally, some of our readers may still be enlightened as to the actual work under the direction of J. A. Young, Aurora, Ill., secretary of the Illinois Nurserymen's Association. Here for instance are extracts from the bulletin under date of Aug. 14th, of the weekly series which he sends out to all subscribers for the service:

Plant Phlox Now

The Hardy Phlox are now in bloom and some very rare and beautiful colors are to be seen. Within the past ten years, wonderful improvement has been made in this beautiful flower. Right now is the time to secure and plant Phlox so they will give great gorgeous panicles of blooms the coming year.

Oriental Poppy

This is the Hardy Poppy and is not to be confused with the annual varieties. It is almost impossible to transplant the Hardy Poppy in the Spring. This is just the time to plant. Those who enjoy the big fiery red flower in June should secure plants and set them at this time.

When To Plant

It would be much easier if planting could be done at any time during the summer. Since this is not possible, it is suggested that as much planting as possible be done in the late summer and fall. It is a well known fact, that right now Evergreens can be planted with a little loss, as at any time during the year.

This is just the time to plant all Hardy Flowering Plants such as Peonies, Iris, Phlox, etc. The last of August and during September, and even up until the 15th of October is the best season for planting all those beautiful flowers that come up every year and are hardy. When planting at this time of the year, the roots become well established before cold weather, and the plants are in readiness to produce the best results the following spring.

The difficulty too of setting these plants in the spring, is that the ground is usually wet and sometimes soggy, and then too, everyone is busy with the rush of spring work and often times the transplanting is either neglected because of lack of time, or inefficiently done because of the condition of the soil.

The reason that folks do not plant now is because old custom has taught us that spring is the time to plant. However, for the items indicated above, quite the contrary is true.

Shade Trees, Ornamental Trees, Shrubs, etc., as well as most Fruit Trees should be planted in October and November and again in the spring time. It has been proven by experiments that most of these show better results when planted in the fall instead of the spring.

Small Fruits like Raspberries, Blackberries, Strawberries, etc., should be planted in the early spring.

The loss of plants, trees, etc., on account of transplanting can be largely overcome

by giving close attention to the methods of planting and care of plants as indicated in this column. People generally, take too little interest in the knowledge of the basic principles involved in the transplanting of Nursery stock. It is suggested that Civic and Agricultural Clubs can do a great service to Horticulture by bringing to the attention of their members, the important truths of "Plan to Plant Another Tree."

Hedges

Hedges are not within themselves beautiful. But, when worked into a feature of the landscape, they become attractive and are quite in keeping with good taste when one wishes to develop the beautiful. They may be used for live fences, or for dividing property. However, most people are not interested in the architectural features of Hedges—they have decided to plant a Hedge, and the question uppermost in the mind is what kind of a Hedge shall be planted.

Berberis Thunbergi, (Japanese Barberry) is undoubtedly the best compact dwarf variety to use for a Hedge which does not require any trimming. Other Hedges not to be trimmed are Spirea Van Houttei, (Bridal Wreath), Bush Honeysuckles, Dogwoods, Lilacs, etc. For trimmed Hedges there are perhaps none better than the Privets. There are several varieties of Privet. California Privet is the popular variety. Unfortunately, however, this plant is not hardy in the Central and Northern sections of the United States. Great care should therefore be taken not to plant California Privet where it is not hardy.

Amor Privet or Ligustrum Amurense is perfectly hardy as far North as Chicago. The leaf of this Privet is not quite as dark as the California Privet, but is practically the same shape. The plant is upright in habit, as is also the California, and for sections where California Privet is not hardy, this is suggested.

For those sections where neither of the Privets are hardy, Alpine Currant, Cotoneaster Acutifolia, Buck-Thorn, etc., make very good sheared Hedges.

When planting Hedges the plants should be set deeper than other Shrubs. The level of the ground should come at about three inches above the crown of the plant. When planted like this each stem will produce new roots and the plant will have an abundant root system. When cultivating Hedges, care should be used so that the earth does not become ridged up around the plants. The ground should be kept level.

Questions and Answers

Question—May Rose Bushes be planted in the Fall?

Answer—Yes, most Rose Bushes may safely be planted in the Fall. Some tender varieties are better to be planted in the Spring.

Question—Shall I cut the tops off of my Peonies?

Answer—Yes, cut them back to within 4 inches of the ground and top dress them with well rotted manure.

This is certainly "good stuff" for the planter. It will stimulate interest in planting, direct right action and by aiding in securing satisfactory results will avoid discouragement and dropping off of orders for more Nursery stock. It is fine publicity for the Nursery trade.

Say you saw it in AMERICAN NURSERYMAN

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American Nurseryman
American Nursery Trade Bulletin

Dr. Corbett at Detroit

Dr. L. C. Corbett, U. S. D. A., reviewed the development of the horticultural and pomological work of the U. S. Department of Agriculture and in conclusion said:

The one project, perhaps, of the whole group of projects included in the scope of the work of the Office of Horticulture and Pomology in which the members of this particular Association are most interested is that having to do with the investigations in the propagation of plants. For many years the Department has been interested in various phases of the problems of plant propagation. This problem was very emphatically brought onto the horizon by the appearance of phylloxera in the vineyards of California. As you know, the grape industry of the Pacific Coast is projected on the European varieties of grapes. These are not indigenous to America and are not resistant to phylloxera. The spread of the trouble in California is bound in time to accomplish the same results that it did when introduced into France, probably not as quickly, because America has a greater area of new land on which to transplant its grape activities as old vineyards go out through infestation. Ultimately we will reach our limit, and if we are to continue in the production of vinifera grapes on our Pacific Coast we will have to resort to the use of resistant stocks for the propagation and maintenance of our industry. The Department has for a number of years concerned itself with the introduction, testing, and determination of the adaptability and congeniality of these resistant stocks. In fact, this experience forms the background for some of the important investigations which it is now undertaking in its study of the question of the adaptability, congeniality and commercial possibilities of fruit tree and ornamental stocks.

It has long been recognized that one of the great weaknesses of the commercial orchards of the country at the present time is the lack of uniformity in the stocks used for propagation purposes. Every orchard which one visits which has attained any considerable age clearly shows the lack of uniformity in the stocks used, through the vacancies which occur from place to place in the orchard, and through dwarf trees with low productive capacity in one block and of strong vigorous desirable trees in others. This lack of uniformity both in the yearly growth as well as in the longevity of the trees is, it is believed, largely due to the variation in the stocks employed. There is not sufficient

variation in the soil to account for the marked indifference observed in the individual trees. The background, therefore, of the Department's activity in connection with fruit tree stocks is to, if possible, develop those which are well adapted to the various production regions and which will give uniformity of product in the shape of an orchard tree population.

One of the interesting suggestions in this field is in the line of vegetative propagation—in other words, the use of cuttings of either the top or of the root for the purpose of securing propagating material of the desired vigor and uniformity, to replace the miscellaneous collection of seedlings which now form the background for the propagation of our apples, our pears, our peaches, and our plums.

But after we have given consideration to all of the varied phases of the problems of production we yet need an attractive place in which to locate our habitation. The horticultural and pomological activities of the Department do not neglect the surroundings of the rural home in their project scheme. We are endeavoring through the development of simple plans and the use of inexpensive material, to develop a real taste for home beautification throughout the length and breadth of our land. We do not feel that in doing this we are competing with the commercial landscape architect, but we are developing a sense of the beautiful and a desire to make home surroundings more attractive, which will without doubt later reflect itself in increased work for the landscape architect, and through the increased demand for trees and shrubs, will surely contribute to the coffers of the Nurserymen.

The Elm City Nursery Co., New Haven, Conn., is building a packing house and storage cellar, 122 x 78 feet, at its new location a few miles from New Haven center, the plans of which were being drawn by President Walter E. Campbell, when a representative of the American Nurseryman called at the town office last month. This will be a modern structure in every detail. W. W. McCartney, vice-president and general manager, and Robert B. Faxon, secretary and treasurer, were found busily engaged with features of the development of the new grounds of the Woodmont Nurseries to which the company is gradually transferring.

When writing to advertisers just mention American Nurseryman.

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TRADE SENTIMENT

A letter recently received from President Robert Pyle of the Conard & Jones Company says: "Your recent issue serves to reinforce a conviction that has been growing with me that you are alive to the interests of the Nurserymen and sensitive to their needs. I want you to know that some of us appreciate the fact that we have a Trade Journal which may be counted upon to help boost the movements that are for the betterment of the industry generally."

The D. Hill Nursery Company in a recent letter said: "I am more than ever convinced that the "American Nurseryman," being an independent Trade Journal, is a logical medium which should be dominant in the Nursery Field."

"Your publication is doing a great work. We are all with you."—John A. Young, President, Aurora (Illinois) Nurseries.

Subscription: \$2.00 per year. Three Years, \$5.00

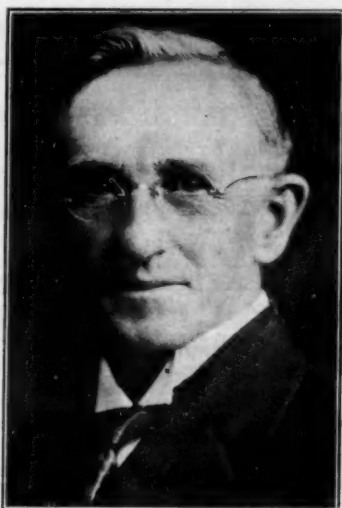
AMERICAN FRUITS PUBLISHING CO.,
39 State St., ROCHESTER, N. Y.

MEN OF THE HOUR

"American Nurseryman" Series

Charles T. Hawkes

The new president of the Pacific Coast Association of Nurserymen, Charles T. Hawkes, Caldwell, Idaho, is president and manager of the Caldwell Nurseries. He is of Puritan ancestry, the son of a Congregational clergyman, born at Stafford Springs, Conn., March 2, 1872. He attended public schools and D. L. Moody's school, Mt. Hermon, Mass.. He removed to Salt Lake City in 1890 and taught in Salt Lake College,



CHARLES T. HAWKES

President Pacific Coast Association of Nurserymen

afterward becoming treasurer of that institution.

Mr. Hawkes began his business career as an office boy in cornice works and with agricultural concerns. He was in the accounting department of a wholesale hardware house and had experience in dry goods and furniture houses. Moved to Denver in fall of 1898 entering General Offices of the Colorado Fuel and Iron Co. Spent 10 years in the life insurance business, moving to Idaho in 1908 where he had investments in orchards, and soon after bought out his brother's Nursery business. Has a small general retail Nursery to supply commercial orchards to farmers and home ornamentation to town dwellers. In 1910 he sold 76,000 apple trees to owners of Idaho's largest orchards. Married in 1897 to Miss Hattie L. Strode, a school teacher from Iowa. Family consists of son, Harold S., just graduated from College of Idaho, daughter, Helen S., sophomore in college, and daughter, Marianne, in second year of high school. His son Harold is now associated with him in the business.

Member State Horticultural Society, director Emmett Cherry Co. Was for three years president Idaho State Nurserymen's Association. Elder in Presbyterian Church, and interested in Chautauqua. Not a lodge man.

W. B. Clarke, San Jose, Cal., is among the many who are outspoken in denunciation of the unfair statements made repeatedly regarding Quarantine 37.

When writing to advertisers just mention American Nurseryman.

UNITED STATES DEPARTMENT OF AGRICULTURE FEDERAL HORTICULTURAL BOARD

Washington, D. C.

August 9, 1922.

ROSE STOCKS FOR PROPAGATING PURPOSES

Item 3 of Regulation 3 of the Rules and Regulations Supplemental to Quarantine 37 provides for the entry under permit of Rose stocks for propagation, including Manetti, Multiflora, Brier Rose and Rosa rugosa.

Since the entry of such material always carries the risk of permitting the introduction of dangerous insect pests and plant diseases, such material will hereafter be restricted to the smallest sizes possible, namely, 1-2-year old plants not over 18 inches in length. Stems on which to bud Standard Roses will not be permitted entry under the provisions of this regulation.

W. A. ORTON,
Acting Chairman of Board.

UNITED STATES DEPARTMENT OF AGRICULTURE FEDERAL HORTICULTURAL BOARD

Washington, D. C.

August 11, 1922.

IMPORTATION OF STOCKS OF RHODODENDRON, AZALEA AND JAPANESE MAPLE

The Federal Horticultural Board has investigated the availability of stocks for grafting purposes of rhododendron ponticum and azalea pontica seedlings, the importation of which under special permits ceased June 1, 1922, in accordance with notice issued February 1, 1921. It appears that heavy losses have been suffered in the imported lots of these stock materials and that American grown seedlings are not yet available. It has been decided, therefore, to extend for one season, or until July 1, 1923, the period during which seedlings of these two plants may be imported. Special permits will be issued for plants of three years' growth or under, with the roots washed free of sand, soil or earth.

It has also been represented that a sufficient supply of seedlings of Japanese maple, Acer palmatum, for grafting purposes is not available in this country. This matter has been investigated by the specialists of the Department of Agriculture and upon their recommendation special permits will likewise be granted for the importation of seedlings of this maple of three years' growth or under for the period terminating July 1, 1923. The plants must have their roots washed free of sand, soil or earth.

The entry of these plants under special permit will be surrounded with the same safeguards which apply to other special permits issued under Quarantine 37.

(Application for permits should be made on Form 207.)

W. A. ORTON,
Acting Chairman, Federal Hort. Board.

President Paul Lindley of the A. A. N. addressed the North Carolina Real Estate Association in annual convention in Asheville, N. C., on the subject, "Beautifying Our Highways." For reliable planting advice he referred his hearers to Nurserymen in various parts of the territory covered by the Association.

Government Work

(Continued from page 55)

made: 1st cut tap root, 2nd cut tap root and 3rd cut tap root, and 1st, 2nd and 3rd cut side roots. Each cut was kept separate and stored in flats covered with moist sawdust and buried in the ground to a depth of about three feet. The cuttings were made the last of January and fore part of February and were planted in the open at Diamond Springs about March 25; at Bell, from March 20 to April 15, and at South Haven as late as April 21. They were planted in a vertical position in Nursery rows, 4 feet apart, spaced at a distance of one to two inches in the row and buried to a depth of about an inch. Buds started to form and shoots appeared above the ground in three weeks time. In most cases two to three shoots formed on each cutting and in some cases as many as ten. As the shoots developed, earth was hilled up around the plants and roots furnishing the new growth. At Diamond Springs these shoots have made a growth large enough so that they can be budded now, while at Bell and South Haven, then can be budded later. From one row of apple root cuttings of 1st cut tap roots 50 feet in length I counted 789 shoots. Many of these shoots had started to develop roots and the rooted plants could be taken off this fall. From a similar row of 2nd cut tap roots I counted 619 shoots; from a row of 3rd cuts 316, and from a row of 1st cut side, 295 shoots. The latter may not be large enough to bud this season, but will give rooted plants which can be lined out next spring. The original root cuttings are allowed to remain in the ground as we find the second year they send out even stronger shoots than the first year. Just how many years this process can go on without renewing the original stock is something we still have to find out. One great advantage of this method of raising stocks is that hand work is practically over by the middle of June, and after that only horse cultivation is necessary. With seedlings, however, several hand weedings, as well as hand cultivation will be made during July and August. By allowing the original root cuttings to remain in place, no planting is necessary the second and probably the third or fourth season. Judged simply from the financial angle stocks can be raised in this way at relatively little expense, but the important significance of this method is that it offers a practical way of multiplying any individual tree that has outstanding characteristics that make it of value for stock purposes. The method applies not only to apple stocks but also has proven equally as efficient a means of propagating Pyrus usuriensis P. calleryana, Myrobalan, St. Julien, Mazzard, Almond, and South Orange. The only common fruit-tree stocks which we have not been able to handle in a satisfactory way by this method are peach and Mahaleb. With Mahaleb we get a satisfactory growth from the 1st cut

Evergreen Nursery Co. Sturgeon Bay, Wisconsin

Write for prices on the following stock:
Norway Spruce twice transplanted
10-12 inches, Am. Arbor Vitae
transplants 8-12 inches. Col. Blue
Spruce, Am. Arbor Vitae, Norway
Spruce and Austrian Pine Seedlings
3-5 inches, Sugar Maple and
Am. Beech Seedlings from 12
inches to 5 feet.

on the tap root, but the other cuts did not start well.

Our next thought was, if stocks can be propagated in this way, why not direct propagation of the varieties themselves? With apples, we are not experimenting with the possibility of propagating more than 60 varieties by root cuttings. We have found that with practically all varieties roots develop above the graft union. With many of our common varieties, like Northern Spy, Baldwin, Gano, Smokehouse, and a number of others, about 50% of the trees develop their own roots above the union. Cuttings can be made from these roots and varieties actually propagated by root cuttings. We are giving a great deal of time and study to this method of direct propagation and it is probable that our report another year may be devoted almost exclusively to this phase of our work.

The sub-project which deals with roses takes as much time and thought as any part of our work. As with every other phase of Nursery activity, there are almost as many ideas regarding the best stocks for roses as there are men handling them. In our rose stock experiment we are using stocks now in use commercially, namely Manetti, canina, Seven Sisters, Madame Plantier, Wax Rose, Ragged Robin, cinnamom, multiflora japonica, and rugosa. In addition to these commonly grown stocks, we are using a *Setigera wichuriana*, multiflora cathayensis, M. Polyantha, souleana, setigera, rubrifolia, and several others. Souleana, setigera and rubrifolia come readily from seed, the rest of our stocks from softwood and hardwood cuttings. With all our newer stocks, our seedlings and cuttings trace back to individual mother plants. One hundred thousand softwood cuttings will be put in this summer for our stock work. About 10 or 12 hybrid teas will be budded on these stocks. A supply of budwood of each variety is being worked up this year, the buds all tracing back to one mother plant. As all our budwood of each variety will trace back to one mother plant, and as all our newer stocks all trace back to one plant, we believe that the possibility of variation, due to the individual plant, has been reduced to a minimum. We cannot give you any definite information regarding rose stocks, but we believe in the rose stock test which is now under way at Bell, and which we hope later to

repeat in different localities, that we have laid the basis for real definite information.

In conclusion, may I say, that I have attempted today to outline the progress we have made in our Nursery Stock Investigations since we met a year ago. We are not making any recommendations or suggestions regarding any changes in Nursery practices. We believe, however, that we have several very interesting leads which may eventually pass from the experimental to the commercial stage and we hope that it will be possible to report substantial progress on our work to you at your meeting next year. We appreciate greatly your interest, we need your continued interest and support.

H. M. Whiting Was Expelled

A communication signed Whiting Nursery Company, L. S. Small, office manager and on the letter head of that company, under date of July 9, 1912, was received by the *American Nurseryman* July 21st, with a clipping from this journal. The communication is as follows:

The enclosed clipping has been sent to our office by an anonymous writer with impertinent message attached. The ethics of such action is, of course, not worthy of comment. We wish to say, however, that our Mr. H. M. Whiting has not been a member of the American Association of Nurserymen for a year at least, having withdrawn from that organization from dissatisfaction months ago. We shall be glad if you will print a line to this effect, as we consider the report in your paper untrue.

Mr. Whiting has been under investigation by the American Association for two years, as the result of a series of complaints from many sources regarding his methods of doing business. During that time his membership was under suspension. Only a technicality prevented definite action in his case by the Association a year ago. That was removed at this year's annual convention and Mr. Whiting was expelled from membership by unanimous vote, upon this report by the executive committee:

The case of H. M. Whiting was reported to the association in June, 1921, but action for dismissal at that time was deferred on account of a technicality. We now recommend that H. M. Whiting, of Geneva and Boston, be expelled from this association.

This is the action by the American Association; this is the report in the *American Nurseryman*; this is the truth.

OZARK MOUNTAIN GROWN TREES

With well developed Root Systems. Will please your customers. Let us quote you on Peach, Apple, Plum, Apricot, Berry Plants, California Privet, Peach Pits, etc.

PARKER BROS. NURSERY COMPANY

The Fayetteville Nurseries,

Fayetteville, Arkansas

VINCENNES NURSERIES

W. C. REED & SON, PROP.

VINCENNES, INDIANA

CHERRY, 2 YEAR, ALL SOLD
CHERRY, ONE YEAR, 11/16 UP
CHERRY, ONE YEAR, 9/16 TO 11/16
CHERRY, ONE YEAR, 7/16 TO 9/16
CHERRY, ONE YEAR, 2 TO 3 FEET
KEIFFER PEAR, 2 YEAR, ALL GRADES
PEACH, ONE YEAR, LEADING VARIETIES
PLUM ON PLUM, 2 YEAR, EUROPEAN AND BURBANK
HANSEN HYBRIDS, 2 YEAR, ON AMERICAN ROOTS
PLUM AND APRICOT, ONE YEAR, ON PEACH
GOOSEBERRY, ONE AND TWO YEAR

Our Blocks of One Year Cherry are largest in the U. S.
Grown on New Land. Buy Early and be assured of a supply

J. H. SKINNER & CO.

TOPEKA . . . KANSAS

We offer for Fall 1922--

Apple Seedlings

Japan Pear Seedlings

Forest Tree Seedlings:

American White Elm Black Locust Honey Locust
Catalpa Speciosa

Spirea Van Houtti

1 year, for transplanting, also 2 to 3 ft. and 3 to 4 ft. stock

THOROUGHLY MATURED SEEDLINGS JAPAN PEAR MYROBOLAN

Apple now sold out.

Despite our large supply of apple seedlings, we are now sold out. Discriminating buyers bought early and heavily. Some of them also ordered their next year's supply, so they would be sure to get our thoroughly matured, well graded, splendidly rooted stocks.

When you consider that our seedlings are grown on clean, new soil, never before in nursery stock, that we have moisture under control, and crisp, dry fall weather to mature our stock; you can understand why our seedlings excel.

Washington Nursery Co., Toppenish, Wash.
(IN THE FAMOUS YAKIMA VALLEY)

CURRENTS Two and One Year
Wild, Fays, Cherry, Black Boskoop

GOOSEBERRIES
Two Year; Downing, Houghton, Pearl

PENN'A NURSERY CO., Girard, Pa.

BOULDER CREST NURSERIES

Route No. 3, Box 216, Atlanta, Ga.

10 M 1 year peaches
50 M Junebud peaches
12 M 1 yr. apples
6 M 2 yr. apples, 3 M Figs, 3 to 4 ft.

SEEDS SEEDS and PLANTS PLANTS

We have the following to offer, (new crop)
Turnip Seeds, Mustard Seed, Cabbage Seed, Long Island
Green, Bermuda Onion Seed, Tenoriff Green,
Strawberry Plants, Klondike and Everbearing. Flowers,
Bulbs, and Nursery Stock of all kinds.
Wholesale prices upon request. WRITE US before you place your order.

The LILYLAND FARMS Starkville, Miss.

We are large growers of Fruit and Nut trees, Ornamentals and ROSES. Give us a trial. We know the quality of our stock will please you.

INTER-STATE NURSERIES,

C. M. GRIFFING & CO., PROP'RS.,
JACKSONVILLE, FLORIDA

TREE SEEDS

Send for catalog listing Tree, Shrub, Perennial and Evergreen Seed. Collected from all parts of the world.

CONYERS B. FLEU, JR.

6628 Ross St., Germantown, Philadelphia

Ampelopsis Veitchii 300,000

two year, 10 in. to 5 ft. Extra strong and 12 yr. for retailing and lining out. Some XX heavy tops and roots. Satisfaction in all grades. Superior to general stock, grown thin, so much stronger roots. It is not the cheapest, but the best. Get particulars before purchasing elsewhere.
CHARLES BLACK, Hightstown, New Jersey

In New England Nurseries

New England Nurserymen generally have fine-looking stock this summer. A surplus of rain has interfered with best results in some cases. A recent visit to the Nurseries at Manchester, Yalesville, Durham and New Haven, Conn., showed excellent conditions. Two of the finest Nurseries visited are the C. R. Burr Nurseries at Manchester and Barnes Brothers Nurseries at Yalesville. At both places the grounds, especially those about the offices, constitute show places. The offices of the Burr Nurseries, like those of many other Nursery concerns in the country, are indeed pleasant places in which to spend a working day. The rapid extension of landscaping on the part of Nurserymen and the increased attention in recent years to the development of local trade are reflected in the improvement of Nursery office grounds. Those of the Burr Nurseries are a striking example. Beautiful lawns and curving walks are set off with flowering plants and shrubs in a manner to induce similar arrangement by the visitor at his home. As has often been urged this is one of the most practical and effective means of advertising.

The Burr Nurseries comprise five hundred acres in plots at various locations, all of which appear to be fully occupied. One of the first things to be noted is a planting of 200,000 roses on Multiflora. An unusually even stand of peach, 1, 2, 3, commands admiration. Remarkably fine apple on American stock and an array of evergreens in variety, 30 acres, bear out the claim that the Burr Nurseries grow both fruit and ornamental stock of quality. Indeed, the motto of the concern is "Quality and Service." Evidently C. R. need have no fear of a Vigilance Committee summons. It is concerns of

this class that are strongly in sympathy with the purposes of that committee. It is one thing to promulgate a slogan; and another to keep it constantly in mind in endeavoring to live up to it.

A main feature of the Burr Nurseries is the provision made for storage and shipping facilities. To the already large equipment the concern this summer is adding a hundred feet or more of new storage, doing the work itself. The efficient organization has under C. R. Burr's direction, besides his son, Charles, the office managers, Frank J. Ripplin (formerly manager of the wholesale department of Chase Brothers Co., Rochester, N. Y.) and Henry W. Gottschalk. The manager of the wholesale department is George D. Harris, son of the traveling representative of the F. H. Stannard Nurseries at Ottawa, Kansas. Over at Durham, Conn., the C. R. Burr Nurseries has a fine grading of Number 1 apple, roses, peaches and California privet. A striking feature is the well-balanced tree—no overgrown or under-size stock. Mr. Burr spends every working day in the harness, visiting his widely separated fields daily. The half dozen automobiles in the Nursery garage are kept moving most of the time in various directions, and a Cadillac 7-passenger touring car awaits the visits by Nurserymen to Mr. Burr's hospitable home to speed them on their journey when they feel they must break away.

At the Oakland Nurseries and those of C. E. Wilson & Co., the proprietors were found busily engaged in preparations for a lively fall and spring trade.

Remarkably fine young evergreens, of a size just right for planting, are displayed to excellent advantage for visitors to the Barnes Brothers Nurseries, Yalesville, Conn., as well as for view from autos on the heavily

used main highway and the trains of the New York, New Haven and Hartford R. R. Like many other Nurserymen John Barnes has gone in for propagating on quite an extensive scale and is very successful. His rows of young evergreens in variety and other ornamental stock are highly praised in and out of the trade.

Tree Protective Association

The Connecticut Tree Protective Association, for the protection of shade, fruit and forest trees, was formed at a meeting at the summer outing at Hammanassett Beach, Aug. 16th. Dr. W. N. Britton, state entomologist, presided and W. O. Filley was secretary at the organization meeting. It is expected that the objects of the association will appeal to Nurserymen, commercial tree repairers, tree wardens, park and cemetery superintendents and all others interested in preserving trees. N. A. Millane was elected temporary chairman; W. O. Filley, temporary secretary. An executive committee composed of F. A. Bartlett, Charles B. Meyer, Philip Hansling, Sr., and L. H. Meader was appointed. Annual meetings will be held in January. Charter membership is open to all who join before Jan. 1, 1923. Dues are \$2 per year.

It is perhaps impracticable to put into practice the idea here suggested, in the case of the annual meetings of the American Association of Nurserymen, because of the large size of the cities in which the meetings are held; but in the case of the state and district Nursery associations considerable effective advertising could be attained by the exhibit in store and bank windows of fine specimens from Nursery rows. The orchardists thus display their fruits at convention time; why not the Nurserymen?

New York State Nurserymen's Association

SUMMER MEETING and OUTING

At the Rod and Gun Club, on beautiful
SENECA LAKE, GENEVA, N. Y.

Saturday, September 9, 1922

11 o'clock a. m. Eastern Standard Time.

Light lunch will be served at noon.

Dinner at 6:00 p. m.

Tickets, \$2.50

All Nurserymen are invited.

Those intending to be present should notify the Secretary, from whom tickets may be procured at the meeting.

C. J. MALOY, SECRETARY

209 LINDEN STREET,

ROCHESTER, N. Y.



20,000,000 STRAWBERRY PLANTS

The very cream of all varieties—grown on new lands, and absolutely true to name stock.

We are equipped to ship as many as 500,000 plants per day, and can send them direct to your patrons. Let us have your want list for special prices.

We guarantee prompt shipment and absolute satisfaction. We offer first class strawberry plants at right prices for your trade list.

This business is backed up by forty-four years of success, and it is the largest of its kind in the United States.

Send for wholesale prices today.

J. A. BAUER

LOCK BOX 38

JUDSONIA,

ARKANSAS

SOUTHERN NURSERYMEN'S ASSOCIATION

Dates Changed from Sept., 7th-8th to September 14th-15th

PROGRAM

Morning Session 10 O'clock, Thursday 14th
Ball Room

Call to order.
Invocation—Dr. Benjamin J. Bush.
Address of Welcome—Hon. Wood G. Dunlap, Com. of Public Property.
Response—A. J. Fletcher, Cleveland, Tenn.
Roll Call and Minutes of last meeting.
Election of new members.
Introduction of new members.
President's Address—C. A. Simpson, Monticello, Fla.
The Cash with Order Plan—Paul C. Stark, Louisiana, Mo.
Standardization—John Fraser, Huntsville, Ala.

Appointment of Committees.
Afternoon Session, 2:30 O'clock
Ethics—O. Joe Howard, Hickory, N. C.
Trade Terms—Hale Harrison, Berlin, Md.
Closer Co-operation with A. A. of N.—Paul Lindley, Pomona, N. C.
Recent and Threatened Legislation—Chas. T. Smith, Concord, Ga.

Rose Stocks (illustrated with lantern slides)—Robert Pyle, West Grove, Pa.
Broad Leaf Evergreens of the South—L. M. Jenney, Roseacres, Miss.
(Subject to be announced)—John Watson, Rochester, N. Y.

New Methods and Advantages of Summer Planting—Walter W. Hillenmeyer, Lexington, Ky.

There will be no evening session, it being deemed best to leave the evening open for the meeting of The Retail Protective Association, to allow the order book hounds to get in a little work and to permit those who wish to attend the movies and theatres.

Morning Session, 10 O'clock, Friday 15th
Growing Evergreens—V. D. Hill, Dundee, Ill.

Soil Salvation with Pulverized Limestone—Furman Smith, Gen. Sales Mgr. American Limestone Co., Knoxville, Tenn.
Notes on Investigations of Soil Nematodes in Ga.—J. A. McClintock, Pathologist, Knoxville, Tenn.

How Nurserymen can Co-operate in Conducting Tests for Crown-Gall and Woolly Aphis Eradication—Dr. Scherbakoff, Director Division of Extension, Knoxville, Tenn.

The Nursery Outlook in My State—Leading Nurserymen from each state represented at this meeting will be called upon for a general resume of the conditions and outlook in their sections and any matter of general interest to Nurserymen. Be prepared to respond when called upon—NO SLACKING.

Report of Committees.
New Business.
Old Business.
Installation of new officers.
Adjournment.

Friday, 2 P. M.

Instead of an afternoon session there will be a drive around the city including residential section, some of the best known stock farms, visit to see Man of War (America's greatest race horse) and ending at Hillenmeyer's Nursery, where a buffet lunch will be served.

Saturday, 1:30 P. M.

Fall races open at Lexington giving those who wish to stay over an opportunity to see a real Kentucky meeting. This alone will be worth the trip to those who have never witnessed such an event.

Hugh Ballew, Decatur, Ala., has resumed publication of his monthly paper devoted to the Nursery and seed trade interests of the South and West. It is in bulletin form and aims to keep its readers in touch with events in its territory. The editor specializes in the sale of corn and cotton seed. He announces that he can usually supply most any kind of seeds, plants and Nursery stock. The cotton crop, soy bean trade and cabbage seed market are featured along with June bud peach, ornamental shrubs and hedge plants.

The Bartlett Plum

F. T. Ramsey

When Mr. Burbank grew the Bartlett plum from seed he said he named it Bartlett because it tasted like a Bartlett pear. That is a pretty good description or gives somewhat correct idea of its flavor. It is round or flattened endwise and is nearly a pure freestone; it is tender, but not juicy.

Twenty years ago H. C. Wright, living on Avenue C., Austin, planted an orchard of peaches and plums, including one Bartlett plum, on very poor sandy land. The land was so unsuitable for trees that in four or five years all were dead, except the Bartlett plum. It is yet in fine health.

For the first few years they grow upright and slender and have not the capacity to produce many gallons, but as they grow older the crops grow heavier and the load of fruit rainbows the branches all around the tree.

On June 17, 1922 the photographer set his camera under some limbs to snap these branches. One or two trees in a very small back yard will supply a family with plum preserves and plum jam to the limit.

A long time ago my wife asked me to write another label for a jar of plum preserves and I used a few drops of the juice for mucilage and pasted this on:

Whittier for thoughts sublime,
Dante shocks your nerves,
Aldrich for the sweetest line,
And me for plum preserves.

Mr. Wright declares this is the nineteenth successive annual crop on this tree, and he planted more of them last season.

I have noticed the longevity of the Bartlett trees on our own place and wrote Mr. Burbank about it last year. He replied that he had also noticed it and that the mother tree was still alive.

Sometimes, in order to tell about something really rare or valuable, I write about varieties not grown by the trade in general and the odor of the ego kills, in a measure the pleasure of writing. We are glad to say that the Bartlett is listed in catalogues of various Nurseries, and to avoid the appearance of automatic horn tooting, my son and I have decided to not only give Nurserymen everywhere permission to grow any or all of the special varieties we have introduced, but to invite them to do so. The regular doctors keep no remedies secret—we shall be as good as they.

COMING EVENTS

Lexington, Ky.—Southern Nurserymen's Association. Annual meeting, Sept. 6 and 7. Secretary, O. W. Fraser, P. O. Box 169, Birmingham, Ala.

Council Bluffs, Ia.—American Pomological Society. Annual meeting in connection with Mid-West Horticultural Exposition, Nov. 15 to 17. Secretary, R. B. Cruickshank, Horticultural Bldg., Ohio State University, Columbus, O.

Dallas, Tex.—Southwestern Nurserymen's Association. Annual meeting, Sept. 27 and 28 at Oriental Hotel. Secretary, G. F. Verhalen, Scottsville, Tex.

New York City.—American Dahlia Society. Annual meeting and exhibition, Sept. 27 at Pennsylvania Hotel. Secretary, Wm. J. Rathgeber, 198 Norton St., New Haven, Conn.

Remember the mid-month issue—The AMERICAN NURSERY TRADE BULLETIN. Forms close the 10th.

NATIVE BROAD-LEAVED EVERGREENS

Ornamental Trees,

Shrubs, Vines, Woody and Herbaceous Plants of the Blue Ridge Mountains
Collections to Order in Carload Lots a Specialty.
Correspondence solicited from large planters
Ask for Price List.

E. C. ROBBINS, PINEOLA,
Avery County, North Carolina

Quercus palustris (Pin Oak)
Fraxinus americana

(White Ash)

Populus nigra fastigiata
(Lombardy Poplar)

Ulmus monumentalis
(Cornish Elm)

Ask for our prices before ordering
AUDUBON NURSERY
H. VERZAAL, General Manager
WILMINGTON, P. O. Box 275 N. C.

Wanted:

An experienced propagator of roses, shrubs and perennials for lining out in nursery rows. R. N. Y. this paper.

GRAPE VINES
ONE YEAR APPLE
TROY NURSERIES
W. N. ADAIR, Prop.
TROY, KANSAS

COMMERCIAL NURSERY CO.
DECHERD, TENNESSEE
We offer Peach, Plum and Apple, first class stock. Also have Pecans and Japan Persimmon for sale. June Buds Peach our specialty. Fine lot. Write us.

TREES and PLANTS
We offer the trade a full line of fruit trees, gooseberries, currants, loganberry plants, roses, etc., at close prices for Fall delivery 92.2 Send us your want list.
Benedict Nursery Co. 185 E. 87th St., N. Portland, Ore.

Landscape Photographs
Every Landscapeman should use our photos when soliciting landscape orders. Our views are good and are doing fine for many nursery firms. Start now using them.
Write for our numbered circular.
B. F. Coniglsky, 227 N. Adams St., Peoria, Ill.

PEACH PITS
THE HOWARD HICKORY CO.
HICKORY, N. C.

CALIFORNIA PRIVET
Asparagus Cumberland Raspberry Rhubarb
Peach Trees in Assort.
Together with a general line of stock including Evergreens Prices right.
WESTMINSTER NURSERY
WESTMINSTER, MD.

The Michigan transportation men report the Michigan fruit crop will top all former records. Between twelve and fifteen thousand refrigerator cars will be required to handle it.

To The Trade Only

We offer for delivery Fall 1922 or Spring 1923 a large and well assorted block of Fruit trees comprised of

**APPLE PEAR
CHERRY PEACH
APRICOT NECTARINE
PLUM PRUNE**

and a particularly fine lot of
GOOSEBERRY and CURRANT
in both one and two year olds.

ROSES and ORNAMENTALS

Headquarters for Nursery Supplies

PORTLAND WHOLESALE NURSERY Co.

971 SANDY BOULEVARD, PORTLAND, OREGON

When writing to advertisers just mention
American Nurseryman.

E. P. BERNARDIN

Parsons Wholesale Nurseries

Parsons, Kansas

Established 1870

HEADQUARTERS for Early Harvest
B. B. root grown.

SPECIALIZES IN
AMOR RIVER NORTH PRIVET.
BUNGEI CATALPA.
BOITAS. Best evergreens for the
great southwest
SHADE TREES. Large stock, all
sizes.
ORNAMENTALS. Grown for land-
scape work.

Correspondence solicited.

STRAWBERRY PLANTS

Everbearing and standard varieties.
We grow 5,000,000 to 10,000,000 annually
on new grounds. Raspberry plants
and blackberry plants. 1,000,000 as-
paragus plants; best that is possible to
grow. 100,000 Horseradish. Concord
grape vines. Write for prices.
F. W. DIXON, HOLTON, KANSAS.

A Complete Line of

PEONIES and IRIS

at especially LOW PRICES

S. G. HARRIS

TARRYTOWN, Box X, NEW YORK

A NEW BOOK! NUT GROWING

By Robert T. Morris

The latest and only up to date book
on the newest and one of the most im-
portant branches of Horticulture, giv-
ing a broad survey of a rapidly grow-
ing industry. Detailed explanation of
successful methods of propagation and
the new process of grafting with the
use of paraffin; illustrated.

An invaluable work for all nut grow-
ers.

Price, \$2.65, Postpaid

AMERICAN FRUITS PUB'G. COMPANY
39 State Street, Rochester, N. Y.

Heavy Apple Crop

Fortunes are being realized out of Illi-
nois orchards this season. One owner of
a small tract in Greene county has just sold
his output for \$50,000. Weather conditions
have been ideal, and the yield is heavy
and the quality superfine in most sections.

Remarkable results are reported since
the introduction of scientific methods, and
now sound, perfect, and beautiful apples
are produced in generous abundance, much
to the surprise of certain skeptical owners.
The object lesson between the sprayed and
unsprayed trees has been a revelation to
orchard owners. In addition, the treatment
of the soil by addition of fertilizers has
been a factor in reviving worn-out orchards.

The effort has also been made to prevent
waste and utilize all the apples in some
manner. It is an unfortunate fact that 25
per cent of the apple crop of the United
States never figures in the food supply.

The apple industry of the United States
has been divided into three great depart-
ments: the growing, the storage and mar-
keting. Each one is a business in itself.
Horticulturists argue that it is unsafe for
any one to handle two or three of them.
They maintain that it is wisest for a man
to devote his attention to the line in which
he is most familiar. A grower, they think,
is taking a long chance if he seeks to handle
a cold storage business as a side line.

New York State Fruit

The July 1st bulletin of the New York
State Horticultural Society said:

"Inquiries regarding the condition of fruits
were mailed to our members on June 20th.
Up to June 28th reports had been received
from 344 men.

"In general the figures show a very heavy
decline since last month in the prospects
for apples. Many trees which blossomed
heavily failed to set and the drop during
June was very heavy, due to it is generally be-
lieved, to injury from frost when the leaf
buds were opening. In Hudson Valley the
early frost damage was more evident at the
time and the set of young fruit has not
dropped so heavily except north of Catskill,
where a large amount of fruit was stripped
from the trees by wind and hail. Conditions
on the whole are much more uniform over
the state than they were a year ago. Most
of the counties outside of the fruit belts ex-
pect about half a crop of apples, as compared
with practically none last year.

"About two-thirds of the bearing peach
trees are now located in Niagara, Orleans
and Monroe Counties, and in all three of the
counties a heavy crop of peaches is now ex-
pected"

A Fruit Tree For Everyone

Why not get behind and push the planting
of a tree for every man, woman and child in
America. Here is a real program for all
Civic and Agricultural Clubs. This can have
but the best of influence on the health, happi-
ness and pleasure of the people. It will be
a benefit in an economic way, because the
forests will replenish our much needed tim-
ber while the added plantings of fruit will
furnish a health giving food. Surely, there
can be no argument against a movement to
plant a tree of some sort for every man,
woman and child in America.

For this year, why not make it a fruit
tree, and see to it that one hundred ten mil-
lion fruit trees are planted in the great coun-
try of ours. The nation needs the trees. It
is but a small thing to do and yet how much
good can be accomplished. Let us make
our motto for this year, "A Fruit Tree for
Every Man, Woman and Child."—"Plan to
Plant Another Tree" Bulletin.

Commercial Huckleberry Growing

Altoona, Pa., Aug. 11—Commercial huckle-
berry culture has been started on the huckle-
berry flats of the Allegheny Mountains in
the neighborhood of Wopsononock, Highland
Fling and neighboring sections of Blair
county. This territory in the past has been
given over to the free use of the public and
annually thousands of quarts of the berries
have been gathered.

Four thousand acres of the mountain land
have been leased by a Harrisburg company
for an indefinite period and plans are being
made to carry on huckleberry growing on
an extensive scale.

Indiana Horticulturists

The Indiana Horticultural Society met in
Vincennes, Ind., Aug. 1-3. President C. M.
Hobbs presided. There were visits to the
apple orchards of W. C. Reed & Son (220
acres apple trees, 1 to 6 years old; 90,000 Nur-
sery trees); Simpson orchard, (25 acres
peaches, 60 acres apples 19 years old, 120
acres apples 3 to 4 years old); Knox Nur-
sery and Orchard Co. (65 acres apples 1-2
years old, 30,000 Nursery trees). Dinner
was served at the Simpson home.

Jim Parker Busy

Jim Parker, Tecumseh, Okla., obtained
from 1,000 horticulturists and Nurserymen
information upon which he addressed the
Farmers' Congress at Stillwater, Okla., on
the subject, "Varieties of Fruit for Okla-
homa." Mr. Parker is doing good work in
organizing Boys and Girls Fruit Clubs
throughout Oklahoma.

Say you saw it in "American Nurseryman."



RELIABLE TREE SEEDS

Get our Latest Price List. A Post-card will bring it.

T. SAKATA & CO. Home Office: YOKOHAMA, JAPAN

American Office: 20 E. JACKSON BLVD., CHICAGO, ILL.

"International In Scope, Individual In Service"

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FOR TRADE
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**AMERICAN
NURSERYMAN**

First Forms: - 25th each month

Last Forms: - 27th each month

**AMERICAN NURSERY
TRADE BULLETIN**

First Forms: - 10th each month

Last Forms: - 12th each month

If proofs are wanted, copy should be in hand previous to above dates.

American Fruits Pub'g. Co., P. O. Box 124, Rochester, N. Y.

Paul's P. P. P.

The Apostle Paul of Pomona has a chapter of 97 verses in an epistle to the Planters, entitled "Paul's Practical Plant Points," in which he touches epigrammatically upon the duties of the planter; for instance:

"Spray, grow fruit, not worms."

"Plant something. Take pride in your premises."

"For a green lawn during mid-summer, do not cut your grass too short during early spring."

"Don't use lime around rhododendrons and azaleas."

"Use the hoses in place of the hose."

"For ivy poison, bathe freely with 95% alcohol (outside)."

"Don't buy a dozen maples and play checkers with your lawn."

"Trees eat, they drink, they die; feed them."

"Pinch outside shoots of evergreens to induce business."

"Look out the dining room window, the living room door and where mother sits sewing; from inside the home is the place to locate shade trees and specimen shrubs."

"Abelia, a lovely plant, turns into an ugly one unless the long canes are pinched frequently during the summer."

A few days ago President Lindley made it an even hundred by adding:

"Ask us your plant problem."

"We stress 'Service Above Self.'"

"He profits most who serves best."

Reinstatement of Peter Hopman & Sons

The Federal Horticultural Board has received satisfactory assurance from Peter Hopman & Sons, Hillegom, Holland, that they will comply hereafter with the quarantine and regulations governing the importation of plants into the United States. The action of the Board expressed in Circular Letter HB-139 is, therefore, revoked. Permits for importations from this firm will be issued in accordance with the quarantine and regulations.

The apple and peach crop in Illinois, as well as in all the Central States, promises to be the biggest in history.

The Society for the Preservation of Native New England Plants has been formed to combat the destructiveness of motorists and others.

The Central States Fair Association is making a large display now in Aurora, Ill., of fruits, plants, flowers, etc. In fact, a building 300 x 350 feet is full of horticultural display. The Central States Fair is without doubt the biggest thing of that character in the United States.

Remember the mid-month issue—The AMERICAN NURSERY TRADE BULLETIN. Forms close the 10th.

WHEN YOU BUY RASPBERRY PLANTS WRITE US FOR PRICES

Columbian, Cumberland, Black Diamond, Plum Farmer and Cuthbert. Two Year Apple. One Year Apple and Sweet Cherry.

Silver Hill Nursery,
Chas. E. Kelley, Prop. Newark, N. Y.

WE OFFER JUNE BUDDED AND ONE YEAR PEACH, ONE YEAR APPLE, CALIFORNIA AND AMOR RIVER PRIVET, STRAWBERRY PLANTS. LET US HAVE YOUR WANT LIST.
CHATTANOOGA NURSERIES, CHATTANOOGA, TENN.

P.S. We have also 200 bushels this season's natural Peach Seed; very fine for \$2.50 per bu

"Without, or with, offense to friends or foes,
I sketch your world exactly as it goes."

The above quotation from one of Byron's poems has been selected as the inscription to be cut in stone for adorning the front of the new building to house the leading morning newspaper plant in Rochester, N. Y.

It exactly expresses the policy of the *American Nurseryman*, within its special field. To sketch the Nursery world exactly as it goes with or without offense to friends or foes has been the policy of this journal from the beginning. Any other policy is the equivalent of the presentation of only half a loaf.

We are aware that there are many who want a one-sided publication. Their want can be supplied from other sources. Those who want to keep informed as to all angles and to be in a position to judge intelligently find an absolutely independent fearless publication the safe guide. They realize that a one-sided dependent, timid, prejudiced publication tends always to narrowness and the smug contentment which precludes progress.

American Association of Nurserymen

Officers—President, Paul C. Lindley, Pomona, N. C.; vice-pres't., Harlan P. Kelsey, Salem, Mass.; treas., J. W. Hill, Des Moines, Ia.; sec'y, and traffic mgr., Charles Sizemore, Louisiana, Mo.; Executive committee, president and vice-president ex-officio, Lloyd C. Stark, Louisiana, Mo.; W. C. Reed, Vincennes, Ind.; Henry B. Chase, Chase, Ala.; M. R. Cashman, Owatonna, Minn.; William Flemer, Jr., Princeton, N. J.

Committee Chairmen—Finance, Paul C. Lindley; legislation and tariff, J. Edward Moon, Morrisville, Pa.; market development, F. F. Rockwell, Bridgeton, N. J.; arbitration, M. R. Cashman, Owatonna, Minn.; vigilance, L. J. Tucker, Madison, Wis.; nomenclature, Harlan P. Kelsey, Salem, Mass.; landscape architects, Walter E. Campbell, New Haven, Conn.; Nursery training, John S. Kerr, Sherman, Tex.; program, Albert F. Meehan, Dresher, Pa.; advisory, Henry B. Chase, Chase, Ala.; convention, A. M. Augustine, Normal, Ill.; deciduous fruits, Robert A. Simpson, Vincennes, Ind.; tropical fruits, H. Harold Hume, Glen St., Mary, Fla.; quarantine laws, A. H. Hill, Dundee, Ill.; distribution, W. G. McKay, Madison, Wis.; transportation, Charles Sizemore, Louisiana, Mo.; standardization, Harlan P. Kelsey, Salem, Mass.; broadcasters, A. McGill, Oregon.

A bumper peach crop and an apple crop about two-thirds normal is predicted by H. H. Swaim, secretary of the Indiana Horticultural Society.

Following the many reports of increased plantings in most of the fruit-growing counties of California, comes V. G. Stevens, County Horticultural Commissioner for Contra Costa, who says: "The apricot, pear, grape and prune plantings in Contra Costa County this year, doubled last year's plantings. Apricots 25,681 trees, grapes 180,489 vines, peaches 14,827 trees, pears 35,484 trees, prunes 21,020 trees."

The Fort Valley section of Georgia had a 9,000 car peach crop this year.

St. Martin and De Lue Judeth potted Strawberry Plants. Both took silver medal at Mass. Hort. Society.
\$3.00 per hundred.
JOHN H. HARDY
LITTLETON, MASS.

In Nursery Rows

The summer meeting of the Eastern Nurserymen's Association will be held Sept. 21st at Hotel Stacy Trent, Trenton, N. J.; luncheon at 12.30; meeting at 2 p. m. standard time.

Gilbert Hicks, Westbury, N. Y., died August 10th, aged 84 years. With his brothers, Isaac and Edward, he established the Hicks Nursery, now conducted by his nephews, Henry and Edward Hicks.

Throughout the country Nurserymen have taken advantage of the Summer lull in trade circles to increase their equipment. Storage cellar and packing houses have been constructed and many improvements about office grounds have been made.

Secretary C. J. Maloy of the New York State Nurserymen's Association, announces the summer meeting and outing of the Association Sept. 9th at the grounds of the Geneva Rod and Gun Club, Seneca Lake, Geneva, N. Y., at 11 A. M. John P. Rice, Geneva, is president.

Recent activities at Painesville, O., include a new packing house and storage cellar for Henry Kohankie & Son; cement driveways through the trial grounds and in other parts of the W. B. Cole Nurseries; installation of the Skinner Irrigating System by the Storrs & Harrison Co., for growing young stock.

New York State Forestry association recently reorganized, has begun a campaign for reforestation of denuded lands in the park and watershed areas of cities and towns throughout the state. It has made the general offer to plant five acres free of charge for any city.

John Watson is an occasional contributor to the New York daily newspapers. In a recent issue of the New York World Mr. Watson pays his respects to Henry Cabot Lodge and remarks that although Senator Lodge did have the power to beat the League of Nation proposal he doubted that he would be powerful enough to beat the farmers out of permitting Henry Ford to develop the Muscle Shoals proposition. The South is strong for Ford and the Beaufort S. C. Gazette reproduces Mr. Watson's arguments.

BOX-BARBERRY

Went Over the Top this Season

Is there any wonder when it possesses the following qualities:

- 1—Absolute hardiness.
- 2—Ability to withstand severe weather.
- 3—Uniformity in growth and habit.
- 4—Attractive autumn foliage.
- 5—Freedom from diseases and insect attack.

We sold over a quarter of a million this year, next year it will be a million. Advertising in the leading horticultural journal will continue which will help your sales.

Orders for lining out stock now being booked.

Woodmont Nurseries, Inc.,
The Elm City Nursery Co. New Haven, Conn.

Say you saw it in "American Nurseryman."

BUDDLEIA MAGNIFICA

WANTED: 4,000 to 5,000 LIGHT ONE-YEAR, FIELD GROWN, SUITABLE FOR MAIL TRADE.

TEMPLIN-CROCKETT-BRADLEY CO., Cleveland, Ohio



We offer the trade
our usual line of

**FRUIT TREES
SHRUBS
ROSES
VINES**

*Your want lists will receive prompt
attention.*

The **Huntsville Wholesale Nurseries, Inc.,**
HUNTSVILLE, ALABAMA

Wayside Gardens

HARDY PERENNIAL PLANTS
EXCLUSIVELY

Write for Trade List.

THE WAYSIDE GARDENS COMPANY
MENTOR, OHIO

WE SUGGEST RESERVATION OF ADVERTISING SPACE NOW
FOR THE COMING ACTIVE MONTHS

In **The American Nurseryman** Chief Exponent of the
American Nursery Trade

Every Advertisement is repeated in the AMERICAN NURSERY TRADE BULLETIN, thus covering the Trade. See
Schedule of Information on other page of this issue. Ought your two-inch card to be standing regularly in the "Di-
rectory of American Plant Propagators," as in this issue. \$5.00 per mo. for 2-inch space under yearly term.

AMERICAN FRUITS PUBLISHING COMPANY, Inc., 39 State St., Rochester, N. Y.

American Fruits Company's Library Opportunities

PRACTICAL BOOKS ON HORTICULTURE, NUT GROWING, NURSERY PRACTICE

Any of the following books will be sent on receipt of price by AMERICAN FRUITS PUB'G CO.,
123-125 Ellwanger & Barry Bldg., ROCHESTER, N. Y. Prices subject to change.

American Apple Orchard By F. A. Waugh.....	\$1.90	Insect Book—Dr. L. O. Howard... 5.30	Parsons on the Rose—Parsons..... 1.75		
American Fruit Culturist By John J. Thomas.....	3.65	Insects and Insecticides—Weed.... 2.15	Peach Culture—J. A. Fulton..... 1.65		
American Fruit Farm—F. N. Thorpe	2.65	Insect Pests of Farm, Orchard and Garden—Sanderson and Pearls.. 4.65	Peach Growing—By H. P. Gould... 2.65		
American Grape Culture—Munson.. 2.65		Irrigation Farming—L. M. Wilcox. 2.40	Pear Culture for Profit—Quinn.... 1.35		
American Grape Growing and Wine Making—George Husmann	2.15	Irrigation for the Orchard—Stewart 1.75	Picturesque Gardens—Henderson.. 2.25		
American Horticultural Manual By Budd-Hansen, two vols.....	3.15	Land Drainage—Joseph H. Jeffrey 2.15	Plant Breeding—By Dr. L. H. Bailey 3.40		
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California Fruits and How to Grow Them—E. J. Wickson, A. M....	4.15	Landscape Gardening, Kemp— Revised by F. A. Waugh.....	2.15	Practical Fruit Grower—Maynard.. 1.00	
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